

AllFusion™ Endeavor® Change Manager

Reports Guide
4.0



Computer Associates™

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Chapter 1. Introduction to Reporting

1.1 Endeavor Reports

This manual contains information about AllFusion Endeavor Change Manager's reporting capabilities on the OS/390 and z/OS operating system. The AllFusion Endeavor Change Manager 4.0 documentation set describes JCL and procedures for the OS/390 environment. The same procedures and JCL are applicable to the z/OS environment.

Endeavor reports are written in assembler language, and provide some flexibility when generating the reports. For example, you can select a subset of reports to be produced for a specific environment, system, subsystem, and stage.

Endeavor reports do not produce summary lines when there is only one item in the group to be summarized. Therefore, some of the reports you generate might look slightly different from those included as examples in this manual.

In order to run the Endeavor reports, the report JCL has to be tailored for use at your site. This is done during installation. Sample report JCL is listed in Appendix A, "Report JCL."

This guide contains

1.2 Endeavor Assembler Reports

1.2.1 Overview

There are several categories of Endeavor Assembler reports:

- Master Control File reports
- Historical reports
- Package reports
- Footprint reports
- Unload/Reload reports
- Shipment reports
- Archive reports

1.2.2 Master Control File Reports

Master Control File reports contain summary and detail information about the system, subsystem, type, and element definitions specified to the Endeavor Master Control File. These reports include:

Report ID	Title
CONRPT01	System Inventory Profile
CONRPT02	System Inventory Summary
CONRPT03	Element Catalog
CONRPT04	Element Activity Profile
CONRPT05	Element Activity Summary
CONRPT06	Element Catalog by CCID
CONRPT07	System Definition Profile
CONRPT08	Element Signed Out Profile - by System
CONRPT09	Element Signed Out Profile - by User
CONRPT10	Approver Group Definition
CONRPT11	Approver Group Usage
CONRPT12	Element Catalog by Retrieve CCID

1.2.3 Historical Reports

Historical reports summarize security violations and element activity recorded by Endeavor. These reports are available if SMF logging is in use at your site, and are generated using the SMF records written during Endeavor processing. Historical reports include:

Report ID	Title
CONRPT40	Security Violation Summary
CONRPT41	Security Violation Profile
CONRPT42	Element Activity Profile
CONRPT43	Element Activity Summary

1.2.4 Package Reports

Package reports provide detail and summary information about the status of all packages within a specified library. These reports include:

Report ID	Title
CONRPT70	Package Summary Report
CONRPT71	Package Approver Report
CONRPT72	Package Detail Report

1.2.5 Footprint Reports

Footprint reports document footprint information placed in source and load modules by Endeavor. These reports include:

Report ID	Title
CONRPT80	Library Member Footprint Report
CONRPT81	Library CSECT Listing
CONRPT82	Library ZAPPED CSECT Profile
CONRPT83	Footprint Exception Report

Note: Package reports and Footprint reports are mutually exclusive. If you need both types of reports, you must submit two separate jobs, or two separate jobsteps in the same job.

1.2.6 Unload/Reload Reports

Unload/Reload reports contain detail and summary information about system unload activity. Unload/Reload reports include:

Report ID	Title
CONRPT50	System Inventory Profile
CONRPT51	Unload System Definition Profile
CONRPT52	Unload Approver Group Definition
CONRPT53	Unload Approver Group Usage
CONRPT54	Element Catalog
CONRPT55	Unload Package Summary Report

1.2.7 Shipment Reports

Shipment reports contain package shipment and destination information. These reports include:

Report ID	Title
CONRPT73	Destination Detail Report
CONRPT74	Package Shipment Report by Package ID
CONRPT75	Package Shipment Report by Destination
CONRPT76	Package Shipment Report by Shipments

1.2.8 Archived Package Reports

Archived package reports provide detail and summary information for packages that are archived. These reports include:

Report ID	Title
CONRPT56	Archived Package Summary
CONRPT57	Archived Package Approver Report
CONRPT58	Archived Package Detail Report

1.3 Requesting Endeavor Reports

1.3.1 Overview

To generate Endeavor Assembler reports, you must execute the **BC1JRPTS** job. The JCL for this job is listed in Appendix A, “Report JCL.”

1.3.2 Generating Assembler Reports

The BC1JRPTS job stream contains a BSTINP DD statement used to pass report selection criteria to the report program. Before running this job, supply appropriate BSTINP input, specifying the statements you want from the table below.

Note: Additional JCL statements may be used to specify selection criteria. For example, the Footprint Reports specifies an additional data set using a BSTIPT DD statement. This statement is described in Footprint Reports.

The following tables list each BSTINP keyword, and the report(s) to which it applies. When running the reports, any keywords that do not apply for a given report are ignored. For additional keywords that apply when requesting:

- Package Reports (CONRPT70-72) — See 5.3, “Specifying Package Reports” on page 5-4
- Archived Package Reports (CONRPT56-58) — See 9.3, “Specifying Archived Package Reports” on page 9-4
- Shipment Reports (CONRPT73-76) — See 8.3, “Specifying Shipment Reports” on page 8-4

BSTINP Keywords for MCF and Historical Reports

Keyword	01	02	03	04	05	06	07	08
REPORT	x	x	x	x	x	x	x	x
ENVIRONMENT	x	x	x	x	x	x	x	x
SYSTEM	x	x	x	x	x	x	x	x
SUBSYSTEM	x	x	x	x	x	x		x
ELEMENT	x	x	x	x	x	x		x
TYPE	x	x	x	x	x	x	x	x
STAGE	x	x	x	x	x	x	x	x
DAYS				x	x			
SEARCH ENVIRONMENT MAP	x	x	x	x	x	x	x	x
PACKAGE ID								

Keyword	09	10	11	12	40	41	42	43
REPORT	x	x	x	x	x	x	x	x
ENVIRONMENT	x	x	x	x	x	x	x	x
SYSTEM	x			x	x	x	x	x
SUBSYSTEM	x			x	x	x	x	x
ELEMENT	x			x	x	x	x	x
TYPE	x			x	x	x	x	x
STAGE	x			x	x	x	x	x
DAYS					x	x	x	x
SEARCH ENVIRONMENT MAP	x	x	x	x				
PACKAGE ID								

BSTINP Keywords for Unload, Archived Package, Package, and Footprint Reports

Keyword	50	51	52	53	54	55	56	57
REPORT	x	x	x	x	x	x	x	x
ENVIRONMENT	x	x	x	x	x	x		
SYSTEM	x	x	x	x	x	x		
SUBSYSTEM	x	x	x	x	x	x		
ELEMENT	x	x	x	x	x	x		
TYPE	x	x	x	x	x	x		
STAGE	x	x	x	x	x	x		
DAYS				x	x			
SEARCH ENVIRONMENT MAP	x	x	x	x	x	x		
PACKAGE ID						x	x	x
DESTINATION ID								
CONNECTION ID								
PRODUCT								

Keyword	58	70	71	72	73	74	75
REPORT	x	x	x	x			
ENVIRONMENT							
SYSTEM							
SUBSYSTEM							
ELEMENT							
TYPE							
STAGE							
DAYS							
SEARCH ENVIRONMENT MAP							
PACKAGE ID	x	x	x	x	x	x	x
DESTINATION ID					x	x	x
CONNECTION ID						x	x
PRODUCT							x

Keyword	76	80	81	82	83
REPORT		x	x	x	x
ENVIRONMENT		x	x	x	x
SYSTEM					
SUBSYSTEM					
ELEMENT					
TYPE					
STAGE					x
DAYS					
SEARCH ENVIRONMENT MAP					
PACKAGE ID	x				
DESTINATION ID	x				
CONNECTION ID					
PRODUCT					

1.3.3 BSTINP Syntax

BSTINP selection statement syntax is shown below. With the exception of ENVIRONMENT, which is required for most reports, all statements are optional and default to ALL.

The statements are freeform, and can be coded anywhere between columns 1 and 72 of the input card-image line. Multiple statements can be coded on a line, and a single statement can span multiple lines. Each keyword or name, however, must be completely contained on a single line. The syntax is as follows:

REPort {*nn*}
ENVironment *environment-name*.
SYStem *system-name*. **1**
SUBsystem *subsystem-name*. **1**
ELEment *element-name*. **1**
TYpe *type-name*. **1**
STAge *stage-id*. **1**
DAYs *n*.
SEArch [ENVIRONMENT] MAP.
PACkage id *package-id*.
DEStination id *destination-id*.
CONnection id *connection-id*.

1 — Denotes masking may be used with this parameter.

1.3.3.1 Syntax Options

The following information describes the syntax and use of each BSTINP statement.

REPort {*nn*}

Specifies the reports you want. *nn* is the two digits of the report ID, and can be repeated up to 21 times. Separate multiple report numbers by one or more spaces, for example:

REPORT 04 05 83.

If no REPORT command is entered, all reports, except for Package reports, are produced.

Remember the Package reports and Footprint reports are mutually exclusive. If you want both types of reports, you must submit two separate jobs (or two separate jobsteps in the same job).

ENVironment *environment-name*.

Identifies the *single* environment for which the reports are produced. This command is required for all reports except 70 thru 76.

SYStem *system-name*. **1**

Limits the report to information for the system(s) indicated by *system-name*, which can be a complete or generic name. For example:

SYSTEM ACCTGL — Selects the single system named ACCTGL.

SYSTEM ACCT* — Selects all systems beginning with the characters ACCT.

If a SYSTEM statement is omitted, all systems are selected.

SUBsystem *subsystem-name*, **1**

Limits the report to information for the subsystem(s) indicated by *subsystem-name*. If omitted, all subsystems are selected.

ELEment *element-name*, **1**

Limits the report to information for the element(s) indicated by *element-name*. If omitted, all elements are selected.

TYPE *type-name*, **1**

Limits the report to information for the element type(s) indicated by *type-name*. If omitted, all types are included.

STAge *stage-id*, **1**

Limits the report to information for the stage(s) indicated by *stage-id*. If omitted, both stages are included.

DAYS *n*,

Limits the report to the activity recorded during the last *n* days. The default is activity recorded during the last 7 days.

SEArch [**ENVIRONMENT**] **MAP**,

Tells Endeavor to search the map, beginning at the specified stage, when producing the report.

PACKage id *package-id*,

Limits the report to the package(s) with the specified ID(s).

DESTination id *destination-id*,

Limits the report to the destination(s) with the specified ID(s).

CONnection id *connection-id* ,

Limits the report information to the connection(s) with the specified ID(s).

1 — Masking can be used.

1.4 Input Command Summary

When you run an Assembler report job, the first page of output is an Input Command Summary. This summary lists each BSTINP DD statement input to the job, then lists the values used for each selection statement. If your BSTINP selection statements contain syntax errors, these are listed in this report and the run is terminated. The Input Command Summary is shown below:

(C) 1987,2002 Computer Associates International	Endevor	mm/dd/yy 10:45:	PAGE 1 RELEASE X.XX SERIAL XXXXXX
C1BR2000: INPUT PARAMETERS:			
EXTRACT 70 71 72 73 74 75 76.			
REPORT 01 02 03 04 05 06 07 08 09 10 11 12 40 41 42 43 50 51 52 53 54 55 70 71 72 73 74 75 76 80 81 82 83.			
ENVIRONMENT ENDEVOR.			
SYSTEM NDVR.			
SUBSYSTEM DB2.			
FOOTPRINT DDNAME FOOTFILE.			
SEARCH ENVIRONMENT MAP.			
C1BR2000: SELECTION SUMMARY:			
REPORT(S)	:	01 02 03 04 05 06 07 08 09 10 11 12 40 41 42 43 50 51 52 53 54 55 70 71 72 73 74 75 76 80 81 82 83	
EXTRACT(S)	:	70 71 72 73 74 75 76	
ENVIRONMENT	:	ENDEVOR	
SYSTEM	:	NDVR	
SUBSYSTEM	:	DB2	
TYPE	:	*****	
STAGE	:	*	
ELEMENT	:	*****	
DAYS	:	00007	
PACKAGE	:	*****	
APPROVER	:	*****	
APPROVER GROUP	:	*****	
STATUS	:	ALL	
WINDOW AFTER DATE 01/01/97 BEFORE DATE 12/31/01			
CREATED AFTER DATE 01/01/97 BEFORE DATE 12/31/01			
EXECUTED AFTER DATE 01/01/97 BEFORE DATE 12/31/01			
CAST AFTER DATE 01/01/97 BEFORE DATE 12/31/01			
BACKEDOUT AFTER DATE 01/01/97 BEFORE DATE 12/31/01			
DESTINATION	:	*****	
CONNECTION	:	*****	
PRODUCT NAME	:	*****	
SHIPPED AFTER 01/01/97 BEFORE 12/31/01			
SEARCH ENVIRONMENT MAPPING SPECIFIED			
FOOTPRINT DDNAME	:	FOOTFILE	

If you have selected any of the Footprint reports (80-83), a separate one-page listing summarizes the statements input following the BSTIPT DD statement. The Footprint reports Input Summary is shown below:

(C) 1987,2002 Computer Associates International	Endevor	mm/dd/yy 10:45:	PAGE 1
09:00:15	C1B0113I	PARAMETERS SPECIFIED AS INPUT TO PROGRAM BC1PF00T	RELEASE X.XX SERIAL XXXXXX
		ANALYZE .	
09:00:16	C1B0112I	RECORDS WRITTEN TO OUTPUT FILE: 00000568	
09:00:16	C1B0111I	END OF JOB	

1.4.1 Report Extract Phase Summary

Following the Input Command Summary, the reporting program produces an Extract Phase Summary, which lists the total number of items extracted for each selected report. In addition, it lists the sort control parameters used to invoke the sort program, as well as the completion code returned by the sort (this should always be 0000).

A sample Report Extract Phase Summary is shown below:

(C) 1987,2002 Computer Associates International	Endevor	mm/dd/yy 10:45:	PAGE 1 RELEASE X.XX SERIAL XXXXXX
C1BR3000: EXTRACT PHASE SUMMARY			
REPORT TITLE	RECORDS		

CONRPT01: SYSTEM INVENTORY PROFILE	93		
CONRPT02: SYSTEM INVENTORY SUMMARY	93		
CONRPT03: ELEMENT CATALOG	93		
CONRPT04: ELEMENT ACTIVITY PROFILE	0		
CONRPT05: ELEMENT ACTIVITY SUMMARY	0		
CONRPT06: ELEMENT CATALOG BY CCID	279		
CONRPT07: SYSTEM DEFINITION PROFILE	756		
CONRPT08: ELEMENT SIGNED OUT PROFILE - BY SYSTEM	1		
CONRPT09: ELEMENT SIGNED OUT PROFILE - BY USER	1		
CONRPT40: SECURITY VIOLATION PROFILE	0		
CONRPT41: SECURITY VIOLATION SUMMARY	0		
CONRPT42: ELEMENT ACTIVITY PROFILE (SMF)	0		
CONRPT43: ELEMENT ACTIVITY SUMMARY (SMF)	0		
CONRPT80: LIBRARY MEMBER FOOTPRINT REPORT	32		
CONRPT81: LIBRARY CSECT LISTING	32		
CONRPT82: LIBRARY ZAPPED CSECT PROFILE	57		
CONRPT83: FOOTPRINT EXCEPTION REPORT	32		
CONRPT10: APPROVER GROUP DEFINITION	9		
CONRPT11: APPROVER GROUP USAGE	0		
CONRPT70: PACKAGE SUMMARY REPORT	79		
CONRPT71: PACKAGE DETAIL APPROVER REPORT	80		
CONRPT50: UNLOAD INVENTORY PROFILE	1		
CONRPT51: UNLOAD SYSTEM DEFINITION PROFILE	0		
CONRPT52: UNLOAD APPROVER GROUP DEFINITION	0		
CONRPT53: UNLOAD APPROVER GROUP USAGE	0		
CONRPT54: UNLOAD ELEMENT CATALOG	1		
CONRPT55: UNLOAD PACKAGE SUMMARY REPORT	0		
CONRPT12: ELEMENT CATALOG BY SIGNOUT CCID	1		
CONRPT72: PACKAGE DETAIL WITH APPROVER, SCL	2961		
CONRPT73: DESTINATION DETAIL REPORT	114		
CONRPT74: PACKAGE SHIPMENT REPORT BY PACKAGE	37		
CONRPT75: PACKAGE SHIPMENT REPORT BY DESTINATION	37		
CONRPT76: PACKAGE SHIPMENT REPORT BY SHIPMENTS	37		
TOTAL NUMBER OF RECORDS FOR REPORTS EXTRACTED	4826		
SORT CONTROL PARAMETERS:			
SORT FIELDS=(5,69,CH,A),SIZE=0004826			
RECORD TYPE=V,LENGTH=(505,,073)			
SORT COMPLETION CODE: 0000			

1.5 Documentation Overview

This manual is part of a comprehensive documentation set that fully describes the features and functions of Endeavor and explains how to perform everyday tasks. For a complete list of Endeavor manuals, see the PDF Table of Contents file in the PDF directory, or the Bookmanager Bookshelf file in the Books directory.

The following section describes product conventions.

1.6 Name Masking

A name mask allows you to specify all names, or all names beginning with a particular string, to be considered when performing an action.

Name masks are valid on:

- Element names
- System, subsystem, and type names within FROM clauses
- Report syntax
- ISPF panels
- API requests

Name masks are not valid on:

- Environment names
- Element names in the following situations:
 - When entering a LEVel in a statement
 - When using the MEMber clause with a particular action
 - When building a package

1.6.1 Usage

There are three ways to mask names: by using the wildcard character (*), by using the placeholder character (%), and by using both together.

The wildcard (*) can be used in one of two ways to specify external file names:

- When coded as the only character of a search string, Endeavor returns all members of the search field. For example, if you coded the statement ADD ELEMENT *, all elements would be added.
- When coded as the last character of a search string, Endeavor returns all members of the search field beginning with the characters in the search string preceding the wildcard. For example, the statement ADD ELEMENT UPD* would add all elements beginning with "UPD", such as UPDATED or UPDATE.

Note: You cannot use more than one wildcard in a string. The statement ADD ELEMENT U*PD* would result in an error.

The placeholder (%) can also be used in one of two ways:

- When coded as the last character in a string, Endeavor returns all members of the search field, beginning with the characters in the search string preceding the placeholder, but which have no more characters than were coded in the search string. If you coded the statement ADD ELEMENT UPD%, only those elements

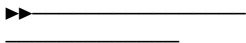
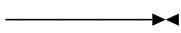

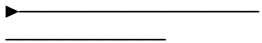
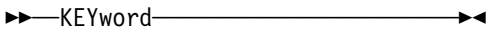
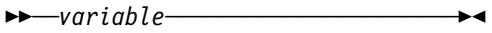
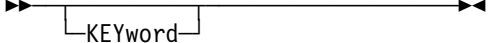
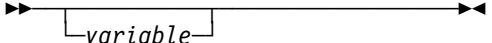
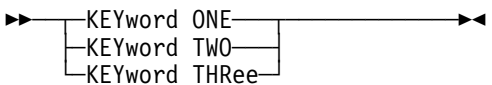
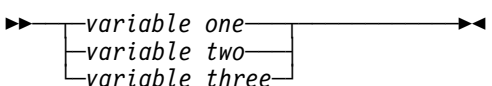
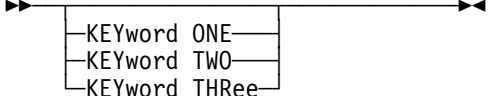
with four-character-long names beginning with "UPD" (UPD1 or UPDA, for example) would be added.

- It is also possible to use the placeholder multiple times in a single search string. The statement `ADD ELEMENT U%PD%` would return all elements with five-character-long names that have U as the first character, and PD third and fourth.

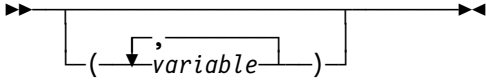
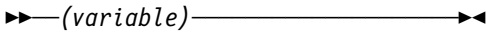
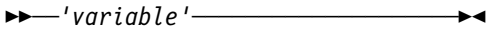
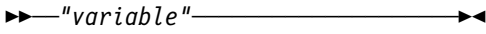

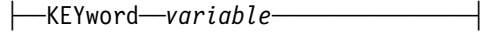
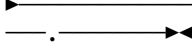
The wildcard and the placeholder can be used together, provided that the wildcard appears only at the end of the search string and is used only once. An example of a statement using both the wildcard and the placeholder is `ADD ELEMENT U%D*`. This statement would add elements with names of any length that have U as the first character and D as the third.

1.7 Syntax Conventions

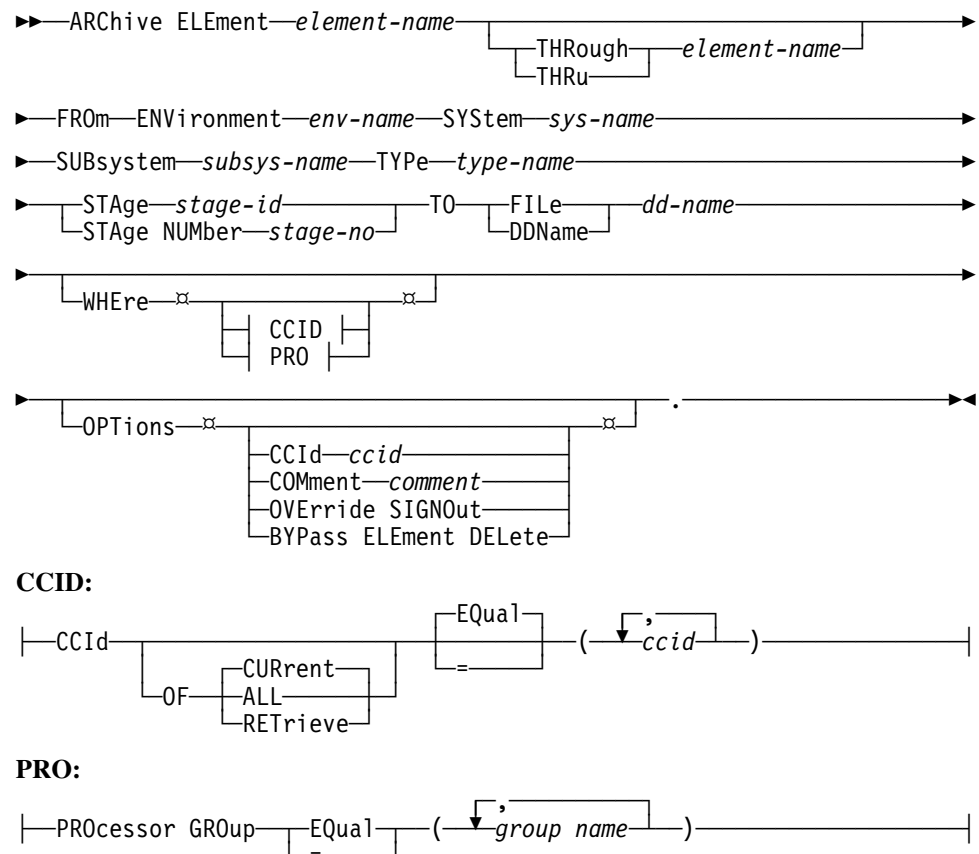
Endevor uses the IBM standard for representing syntax. The following table explains the syntax conventions:

Syntax	Explanation
	Represents the beginning of a syntax statement.
	Represents the end of a syntax statement.
	Represents the continuation of a syntax statement to the following line.
	Represents the continuation of a syntax statement from the preceding line.
	Represents a required keyword. Only the uppercase letters are necessary.
	Represents a required user-defined variable.
	Represents an optional keyword. Optional keywords appear below the syntax line. If coded, only the uppercase letters are necessary.
	Represents an optional user-defined variable. Optional variables appear below the syntax line.
	Represents a choice of required, mutually exclusive keywords. You must choose one and only one keyword.
	Represents a choice of required, mutually exclusive, user-defined variables. You must choose one and only one variable.
	Represents a choice of optional, mutually exclusive keywords. Optional keywords appear below the syntax line.

Syntax	Explanation
	Represents a choice of optional, mutually exclusive, user-defined variables. Optional variables appear below the syntax line.
	Represents a choice of optional keywords. The stars (⌘) indicate that the keywords are not mutually exclusive. Code no keyword more than once.
	Represents a choice of optional user-defined variables. The stars (⌘) indicate that the variables are not mutually exclusive. Code no variable more than once.
	Represents a choice of required, mutually exclusive keywords, one of which is the default. In this example, KEYword ONE is the default keyword because it appears above the syntax line.
	Represents a choice of required, mutually exclusive, user-defined variables, one of which is the default. In this example, <i>variable one</i> is the default variable because it appears above the syntax line.
	Represents a choice of optional, mutually exclusive keywords, one of which is the default. In this example, KEYword ONE is the default keyword because it appears above the syntax line.
	Represents a choice of optional, mutually exclusive, user-defined variables, one of which is the default. In this example, <i>variable one</i> is the default variable because it appears above the syntax line.
	Represents a required variable that can be repeated. Separate each occurrence with a comma and enclose any and all variables in a single set of parenthesis.

Syntax	Explanation
	Represents an optional variable that can be repeated. Separate each occurrence with a comma and enclose any and all variables in a single set of parenthesis.
	Represents a variable which must be enclosed by parenthesis.
	Represents a variable which must be enclosed by single quotes.
	Represents a variable which must be enclosed by double quotes.
	Represents a reference to a syntax fragment. Fragments are listed on the lines immediately following the required period at the end of each syntax statement.
FRAGMENT: 	Represents a syntax fragment.
	Represents the period required at the end of all syntax statements.

1.7.1 Sample Syntax Diagram



1.7.2 Syntax Diagram Explanation

Syntax	Explanation
ARChive ELEment <i>element-name</i>	The keyword ARChive ELEment appears on the main line, indicating it is required. The variable <i>element-name</i> , also on the main line, must be coded.
THRough / THRu <i>element-name</i>	The keywords THRough and THRu appear below the main line, indicating they are optional. They are also mutually exclusive.
FRom ENVironment ... TYPe <i>type-name</i>	Each keyword and variable in this segment appear on the main line, indicating they are required.
STAge <i>stage-id</i> / STAge NUMber <i>stage-no</i>	The keywords STAge and STAge NUMber appear on and below the main line, indicating that they are required, mutually exclusive keywords.

Syntax	Explanation
TO ... <i>dd-name</i>	The keyword TO appears on the main line, indicating that it is required. The keywords FILE and DDName appear on and below the main line, indicating that they are required, mutually exclusive keywords. The variable <i>dd-name</i> also appears on the main line, indicating that it is required.
WHERe clause	This clause appears below the main line, indicating that it is optional. The keyword WHERe appears on the main line of the clause, indicating that it is required. CCID and PRO are syntax fragments that appear below the main line, indicating that they are optional. The stars (✱) indicate that they are not mutually exclusive. For details on the CCID and PRO fragments, see the bottom of this table.
OPTion clause	This clause appears below the main line, indicating that it is optional. The keyword OPTion appears on the main line of the clause, indicating that it is required. The keywords CCId, COMment, OVErride SIGNOut, and BYPass ELEment DELeTe all appear below the main line, indicating that they are optional. The stars (✱) indicate that they are not mutually exclusive.
CCID fragment	<p>The keyword CCId appears on the main line, indicating that it is required. The OF clause appears below the main line, indicating that it is optional. If you code this clause, you must code the keyword OF, as it appears on the main line of the clause. CURrent, ALL, and RETrieve appear above, on, and below the main line of the clause, indicating that they are required, mutually exclusive keywords. CURrent appears above the main line, indicating that it is the default. If you code the keyword OF, you must choose one and only one of the keywords.</p> <p>The keywords EQual and = appear above and below the main line, indicating that they are optional, mutually exclusive keywords. EQual appears above the main line, indicating that it is the default. You can include only one. The variable <i>ccid</i> appears on the main line, indicating that it is required. The arrow indicates that you can repeat this variable, separating each instance with a comma. Enclose any and all variables in a single set of parenthesis.</p>

Syntax	Explanation
PRO fragment	The keyword PROcessor GROUp appears on the main line, indicating that it is required. The keywords EQual and = appear on and below the main line, indicating that they are required, mutually exclusive keywords. You must include one. The variable <i>group name</i> appears on the main line, indicating that it is required. The arrow indicates that you can repeat this variable, separating each instance with a comma. Enclose any and all variables in a single set of parenthesis.

1.7.3 General Coding Information

In coding syntax, you must adhere to certain rules and guidelines regarding valid characters, incompatible commands and clauses, and ending statements. In addition, knowing how the SCL parser processes syntax helps you resolve errors and undesired results. The following sections outline these rules and guidelines.

1.7.3.1 Valid Characters

The following characters are allowed when coding syntax:

- Uppercase letters
- Lowercase letters
- Numbers
- National characters
- Hyphen (-)
- Underscore (_)

The following characters are allowed when coding syntax, but must be enclosed in single (') or double (") quotation marks:

- Space
- Tab
- New line
- Carriage return
- Comma (,)
- Period (.)
- Equal sign (=)
- Greater than sign (>)
- Less than sign (<)

- Parenthesis ()
- Single quotation marks
- Double quotation marks

A string containing single quotation marks must be enclosed in double quotation marks. A string containing double quotation marks must be enclosed in single quotation marks.

To remove information from an existing field in the database, enclose a blank space in single or double quotation marks. For example, the following statement removes the default CCID for user TCS:

```
DEFINE USER TCS  
DEFAULT CCID " ".
```

The characters "*" and "%" are reserved for name masking. See 1.6, "Name Masking" on page 1-15 for more information.

1.7.3.2 Incompatible Commands and Clauses

The following commands and clauses are mutually exclusive:

- THROugh and MEMber clauses within any action except LIST
- Endeavor location information (environment, system, subsystem, type, and stage) and data set names (DSName)
- File names (DDName) and data set names (DSName)
- The stage id (STAge / STAge ID) and the stage number (STAge NUMBER)
- The SET TO Endeavor location information and the SET TO MEMber clause

1.7.3.3 Ending A Statement

You must enter a period at the end of each statement. If no period is found, you receive an error message and the job terminates.

1.7.3.4 SCL Parsing Information

- The SCL parser does not look for information in columns 73-80 of the input. Therefore, be sure that all relevant information is coded in columns 1-72.
- The SCL parser does not catch duplicate clauses coded for an SCL request. If you code the same clause twice, SCL uses the Boolean "AND" to combine the clauses. If the result is invalid, you receive an error message.
- If you enter an asterisk (*) in column 1, the remainder of the line is considered a comment by the SCL parser and is ignored during processing.
- Any value found to the right of the period terminating the SCL statement is considered a comment by the SCL parser and is ignored during processing.

Chapter 2. Requesting Endeavor Reports in Foreground

2.1 Overview

This chapter describes how to build report job streams to generate Endeavor reports in foreground.

Endeavor allows you to build, in foreground, the JCL necessary to generate the following Endeavor reports:

- Master Control File
- SMF Historical
- Package
- Footprint
- Unload/Reload
- Shipments
- Archived Package

There are four steps to build report jobstreams. You must:

1. Build report JCL.
2. Edit the JCL.
3. Create a jobcard.
4. Submit the job.

The sections that follow describe how to perform each of these steps.

2.2 Step 1: Build Endeavor Report JCL

You build report JCL in foreground from the Endeavor Reporting Interface panel. To access this panel, first type **U** in the **OPTION** field of the Primary Options Menu, then press **ENTER**. The Endeavor User Options Menu displays:

```

----- Endeavor User Options Menu -----
Option ==>
  1  REPORTS      - Build Endeavor reporting requests

  2  ACMQ         - Endeavor ACM Query Facility

Enter END to return to the Endeavor Primary Options Menu

```

Type **1** in the **OPTION** field on this menu and press **ENTER**. The Endeavor Reporting Interface panel displays.

On the Endeavor Reporting Interface panel type the number that corresponds to the report you want to generate in the **OPTION** field and press **ENTER**. The panel that displays next depends on the option you select.

```

----- ENDEVOR REPORTING INTERFACE -----
OPTION ==>

  1  MASTER          - Build Master Control File report JCL
  2  SMF             - Build SMF historical report JCL
  3  PACKAGE         - Build Package report JCL
  4  FOOTPRINT       - Build Footprint report JCL
  5  UNLOAD          - Build Unload/Reload report JCL
  6  SHIPMENTS       - Build Package Shipment report JCL
  7  ARCHIVED PACKAGE - Build Archived Package report JCL

  E  EDIT            - Edit Report JCL
  S  SUBMIT          - Submit Report JCL for Batch execution

Job statement information:

====> //CHARPER1 JOB (00000000),'ENDEVOR',NOTIFY=CHARPER,
====> //          REGION=4M,MSGCLASS=X,CLASS=B
====> //
====> //

```

The table below describes each of the options that appear on the Endeavor Report Interface panel.

This option	Builds JCL for this report	See the panel in this section
1	Master Control File reports (CONRPT01-12)	2.2.1, “Master Control File Reports” on page 2-5

This option	Builds JCL for this report	See the panel in this section
2	Historical (SMF) reports (CONRPT40-43)	2.2.2, “Historical (SMF) Reports” on page 2-6
3	Package reports (CONRPT70-72)	2.2.3, “Package Reports” on page 2-7
4	Footprint reports (CONRPT80-83)	2.2.4, “Footprint Reports” on page 2-9
5	Unload/Reload reports (CONRPT50-55)	2.2.5, “Unload/Reload Reports” on page 2-10
6	Shipment reports (CONRPT73-76)	2.2.6, “Shipment Reports” on page 2-11
7	Archived Package Reports (CONRPT56-58)	2.2.7, “Archived Package Reports” on page 2-12

Each report option builds one job step. When you specify multiple sets of reports, the system automatically appends the job steps to each other. This makes it possible to submit all report requests in a single job stream.

Example: You specify Master Control File reports 02, 03, and 05 using Option **1**. A job step is created to run these three reports. Next, you specify Option **4** to request Footprint reports 80 and 83. A second job step is appended to the job step for the Master Control File reports. Finally, you can submit all the reports for execution by selecting Option **S**. Endeavor adds the job statement information to the JCL before submitting the job.

2.2.1 Master Control File Reports

The Master Control File Reports panel displays when you select option **1** on the Endeavor Reporting Interface panel.

```

----- ENDEAVOR MASTER CONTROL FILE REPORTS -----
COMMAND ==>
SELECT REPORTS:
_ 01 System inventory profile      _ 07 System definition profile
_ 02 System inventory summary      _ 08 Element signed out profile - by system
_ 03 Element catalog              _ 09 Element signed out profile - by user
_ 04 Element activity profile      _ 10 Approver group definition
_ 05 Element activity summary      _ 11 Approver group usage
_ 06 Element catalog by CCID      _ 12 Element catalog by retrieve CCID
      FROM NDVR
      ENVIRONMENT ==> SMPTEST
      SYSTEM      ==> *
      SUBSYSTEM   ==> *
      ELEMENT     ==>
      TYPE        ==> *
      STAGE       ==> 1
      DAYS        ==>
      SEARCH ENVIRONMENT MAP ==> N (Y/N)

```

To generate Master Control File reports perform the following steps:

1. Select the reports you want to generate. Do this in the SELECT REPORTS fields, by typing an alphanumeric character in the field(s) next to the number(s) of the report(s) you want to generate.
2. Specify the Endeavor location that you want to analyze in the report(s). Do this in the FROM NDVR fields. You must specify an environment. All other fields are optional. The system uses the DAYS field only when generating reports 04 (Element Activity Profile) and 05 (Element Activity Summary).
3. Press ENTER or press the END key.

If you press ENTER, Endeavor builds the JCL to generate the reports you have specified, and returns to the Reporting Interface panel displaying the message, JOB STEP CREATED, in the upper-right corner of the panel. At this point you can:

- Press the END key to cancel and return to the User Options Menu.
- Build JCL steps for other reports (options **1-7**).
- Edit the JCL that has just been built (option **E**).
- Submit the job for execution (option **S**).

If you press the END key, Endeavor cancels the build request and returns the Reporting Interface panel.

4. Enter **Y** or **N** in the SEARCH ENVIRONMENT MAPPING field. Entering **Y** causes Endeavor to search the environment map for the data sets you specify. The default entry is **N**.

2.2.1.1 Environment Mapping

If you specify **Y** for Endeavor to search the environment map, your Master Control File report output is affected in the following ways:

- The inventory presented in your reports will be organized by system through the environment map.
- The stage you specify in the **STAGE** field of the Endeavor Master Control File Reports panel acts as the starting point for the search that generates the report.

An element's inventory name (system, subsystem, and type) can change over environments and its type can change over stages and still refer to the same element. As a result, an element can be traced from one stage or environment to another.

When Endeavor searches the environment map, output for the following reports is affected:

- CONRPT01-09
- CONRPT12

For more information about environment mapping, refer to the *Administration Guide*.

2.2.2 Historical (SMF) Reports

The Endeavor Historical (SMF) Reports panel displays when you select option **2** on the Endeavor Reporting Interface panel.

```
----- ENDEAVOR HISTORICAL (SMF) REPORTS -----
COMMAND ==>
SELECT REPORTS:
  _ 40 Security violation profile      _ 42 Element activity profile
  _ 41 Security violation summary      _ 43 Element activity summary
FROM SMF DATASET:
DATA SET NAME ==>
SELECTION INFORMATION:
ENVIRONMENT    ==> SMPTEST
SYSTEM         ==> ADMIN
SUBSYSTEM      ==> PROCESS
ELEMENT        ==>
TYPE           ==> PROCESS
STAGE          ==> A
DAYS           ==>
```

To generate Endeavor Historical (SMF) reports perform the following steps:

1. Select the reports you want to generate. Do this in the **SELECT REPORTS** fields, by typing an alphanumeric character in the field(s) next to the number(s) of the report(s) you want to generate.
2. Specify the data set that you want to analyze in the report(s). This field is required. Note that if you type the data set name in single quotes ('DEV.ndvrc1.loadlib'), ISPF uses exactly that data set name. If you do not

enclose the data set name in single quotes, ISPF prefixes the data set name with your TSO user ID.

3. In the SELECTION INFORMATION fields, specify the Endeavor location to analyze in the report(s). You must specify an environment. All other fields are optional.
4. Press ENTER or the END key.

If you press ENTER, Endeavor builds the JCL to generate the reports you have specified, and returns to the Reporting Interface panel displaying the message, JOB STEP CREATED, in the upper-right corner of the panel. At this point you can:

- Press the END key to cancel and return to the User Options Menu.
- Build JCL steps for other reports (options **1-7**).
- Edit the JCL that has just been built (option **E**).
- Submit the job for execution (option **S**).

If you press the END key, Endeavor cancels the build request and returns the Reporting Interface panel.

2.2.3 Package Reports

The Endeavor Package Reports panel displays when you select option **3** on the Endeavor Reporting Interface panel.

```

----- ENDEAVOR PACKAGE REPORTS -----
COMMAND ==>
SELECT REPORTS:
  _ 70 Package summary
  _ 71 Package overview
  _ 72 Package detail
- PACKAGE ID ==>
STATUS: (Y/N) In-Edit..... Y
              In-Approval. Y
              Denied..... Y
              APPROVER GROUP ==>
              APPROVER       ==>
              Executed..... Y
              Aborted..... Y
              Committed..... Y
              Approved.... Y
SELECT WHERE DATE: (DDMMYY or MM/DD/YY format)
WINDOW STARTS AFTER ==> BEFORE ==>
CREATED AFTER ==> BEFORE ==>
EXECUTED AFTER ==> BEFORE ==>
CAST AFTER ==> BEFORE ==>
BACKED OUT AFTER ==> BEFORE ==>

```

To generate Endeavor Package reports perform the following steps:

1. Select the reports you want to generate. Do this in the SELECT REPORTS fields, by typing an alphanumeric character in the field(s) next to the number(s) of the report(s) you want to generate.
2. Specify other information necessary to qualify your request. This information is optional. The following fields are available.

Use This Field	To Restrict Your Request To
Package ID	One or more package IDs, by typing the package ID(s) and/or a name mask in this field.
Approver Group	One or more approver groups, by typing the approver group identifier(s) and/or a name mask in this field.
Approver	One or more approvers within an approver group, by typing the approver ID(s) and/or a name mask in this field.
Status Fields	Packages having the specified status(es), by typing Y next to each status you want to include in the report.
Select Where Date Fields	Packages that were created, executed, cast, backed out, or that have an execution window between the specified dates. Do this by typing the date ranges you want to include in the report in the appropriate fields on the panel. Dates may be entered in either of two formats: MM/DD/YY or DDMMYY.

3. Press ENTER or the END key. If you press ENTER, Endeavor builds the JCL to generate the reports you have specified, and returns to the Reporting Interface panel and displaying the message, JOB STEP CREATED, in the upper-right corner of the panel. At this point you can:
- Press the END key to cancel and return to the User Options Menu.
 - Build JCL steps for other reports (options **1-7**).
 - Edit the JCL that has just been built (option **E**).
 - Submit the job for execution (option **S**).

If you press the END key, Endeavor cancels the build request and returns the Reporting Interface panel.

2.2.4 Footprint Reports

The Endeavor Footprint Reports panel displays when you select option **4** on the Endeavor Reporting Interface panel.

```

----- ENDEAVOR FOOTPRINT REPORTS -----
COMMAND ==>
SELECT REPORTS:
_ 80 Library member footprint      _ 82 Library ZAPPED CSECT profile
_ 81 Library CSECT listing         _ 83 Footprint exception report
FROM ISPF LIBRARY:
PROJECT ==> SMD
LIBRARY ==> SBG
TYPE    ==> WORKLIB
MEMBER  ==>                THRU MEMBER ==>
FROM OTHER PARTITIONED OR SEQUENTIAL DATA SET:
DATA SET NAME ==>
FOOTPRINT EXTRACT FILE ==> N      (Y/N)
EXCLUDE INFORMATION:
MEMBER  ==>                THRU MEMBER ==>
CSECT   ==>                THRU CSECT  ==>
CORRELATE ENVIRONMENT ==> NDVR    (REPORT 83 ONLY)

```

To generate Endeavor Footprint reports perform the following steps:

1. Select the report(s) you want to generate. Do this in the **SELECT REPORTS** fields, by typing an alphanumeric character in the field(s) next to the number(s) of the report(s) you want to generate.
2. Specify the data set that you want to analyze in the report(s). Do this in the **FROM ISPF LIBRARY** fields or the **FROM OTHER PARTITIONED OR SEQUENTIAL DATA SET** field. Type a data set name in only one of these locations. If you type a data set name in both places, the reporting interface will use the data set name in the **FROM OTHER PARTITIONED OR SEQUENTIAL DATA SET** field and ignore the one entered in the **FROM ISPF LIBRARY** fields.

If you type the data set name in the **FROM OTHER PARTITIONED OR SEQUENTIAL DATA SET** field in single quotes ('DEV.ndvrc1.loadlib'), ISPF uses exactly that data set name. If you do not enclose the data set name in single quotes, ISPF prefixes the data set name with your TSO user ID.
3. Specify **Y** or **N** in the **FOOTPRINT EXTRACT FILE** field. If you enter **Y**, the data set you selected is treated as an alien data set; that is, as if it had already been processed by BC1PFOOT.
4. Specify qualifying information (optional). You may qualify the report request in up to three ways:
 - Specify a subset of members from the FROM data set for inclusion in the report(s). Do this in the **MEMBER** and **THRU MEMBER** fields (in the **FROM ISPF LIBRARY** section). You may use name masks to make this qualification. The reporting interface builds an **INCLUDE** statement with this information.

- Specify a range of members and/or CSECTs to be excluded from the report. Do this in the EXCLUDE INFORMATION fields. You may use name masks to make this qualification. The reporting interface builds an EXCLUDE statement with this information.
- Use the EXCLUDE INFORMATION fields to exclude data set members from the analysis.
- Specify an environment with which to correlate the report information. Do this in the CORRELATE INFORMATION: ENVIRONMENT field. This applies to Report 83 only.

5. Press ENTER or the END key.

If you press ENTER, Endeavor builds the JCL to generate the reports you have specified, returns to the Reporting Interface panel displaying the message, JOB STEP CREATED, in the upper-right corner of the panel. At this point you can:

- Press the END key to cancel and return to the User Options Menu.
- Build JCL steps for other reports (options 1-7).
- Edit the JCL that has just been built (option E).
- Submit the job for execution (option S).

If you press the END key, Endeavor cancels the build request and returns the Reporting Interface panel.

2.2.5 Unload/Reload Reports

The Endeavor Unload/Reload Reports panel displays when you select option 5 on the Endeavor Reporting Interface panel.

```
----- ENDEAVOR UNLOAD/RELOAD REPORTS -----
COMMAND ==>
SELECT REPORTS:
  _ 50 System Inventory Profile          _ 53 Unload Approver Group Usage
  _ 51 Unload System Definition profile  _ 54 Element Catalog
  _ 52 Unload Approver Group Definition  _ 55 Unload Package
FROM UNLOAD TAPE: (enter tape information in JCL format)
==> //UNLINPT DD
==>
==>
SELECTION:
ENVIRONMENT ==> SMPLTEST
SYSTEM      ==> ADMIN
SUBSYSTEM   ==> PROCESS
ELEMENT     ==>
TYPE        ==> PROCESS
STAGE       ==> A
PACKAGE ID  ==>
```

To generate Endeavor Unload/Reload reports perform the following steps:

1. Select the report(s) you want to generate. Do this in the SELECT REPORTS fields, by typing an alphanumeric character in the field(s) next to the number(s) of the report(s) you want to generate.
2. Using the FROM UNLOAD TAPE fields, specify the physical location (tape or disk) of the information you want included in the report. You must specify this information using JCL conventions. The //UNLINPT DD portion of this DD statement is already specified.
3. Specify the Endeavor location information on which you want to report. Do this in the SELECTION fields. You must specify an environment. All other fields are optional. Endeavor uses the PACKAGE ID field only when generating Report 55 (Unload Package Report).
4. Press ENTER or the END key.

If you press ENTER, Endeavor builds the JCL to generate the reports you have specified, returns to the Reporting Interface panel displaying the message, JOB STEP CREATED, in the upper-right corner of the panel. At this point you can:

- Press the END key to cancel and return to the User Options Menu.
- Build JCL steps for other reports (options 1-7).
- Edit the JCL that has just been built (option E).
- Submit the job for execution (option S).

If you press the END key, Endeavor cancels the build request and returns the Reporting Interface panel.

2.2.6 Shipment Reports

The Endeavor Shipment Reports panel displays when you select option 6 on the Endeavor Reporting Interface panel.

```

----- ENDEAVOR PACKAGE SHIPMENT REPORTS -----
COMMAND ==>
SELECT REPORTS:
- 73 Destination detail
- 74 Package shipments by Package id
- 75 Package shipments by Destination id
- 76 Package shipments by Shipment date
- PACKAGE ID ==>
  DESTINATION ==>
  SELECT WHERE DATE : (DDMMYY or MM/DD/YY format)
    SHIPPED        AFTER ==>        BEFORE ==>

```

To generate Endeavor Shipment reports perform the following steps:

1. Select the reports you want to generate. Do this in the SELECT REPORTS fields, by typing an alphanumeric character in the field(s) next to the number(s) of the report(s) you want to generate.
2. Specify other information necessary to qualify your request. This information is optional. The following fields are available.

Use This Field	To Restrict Your Request To
Package ID	One or more package IDs, by typing the package ID(s) and/or a name mask in this field.
Destination	One or more destinations, by typing the destination name(s) and/or a name mask in this field.
Select Where Shipped Fields	Packages that were shipped between the specified dates. Do this by typing the date ranges you want to include in the report in the appropriate fields on the panel. Dates may be entered in either of two formats: MM/DD/YY or DDMMYY.

3. Press ENTER or the END key.

If you press ENTER, Endeavor builds the JCL to generate the reports you have specified, returns to the Reporting Interface panel displaying the message, JOB STEP CREATED, in the upper-right corner of the panel. At this point you can:

- Press the END key to cancel and return to the User Options Menu.
- Build JCL steps for other reports (options **1-7**).
- Edit the JCL that has just been built (option **E**).
- Submit the job for execution (option **S**).

If you press the END key, Endeavor cancels the build request and returns the Reporting Interface panel.

2.2.7 Archived Package Reports

The Endeavor Archived Package Reports panel displays when you select option **7** on the Endeavor Reporting Interface panel.

```

----- ENDEVOR ARCHIVED PACKAGE REPORTS -----
COMMAND ==>

SELECT ARCHIVE REPORTS:
_ 56 Package summary _ 57 Package Approver _ 58 Package detail

FROM ARCHIVE TAPE: (enter tape information in JCL format)
==> //ARCINPT DD DISP=SHR,DSN=CA.ENDEVOR.PKGARCH
==>
==>

PACKAGE ID ==> J*                APPROVER GROUP ==>
                                APPROVER         ==>

STATUS: (Y/N)
In-Edit.... Y   Executed.... Y   In-Approval.... Y   Aborted..... Y
Denied..... Y   Committed... Y   Approved..... Y   Backed-Out... Y

SELECT WHERE DATE : (MMDDYYYY format only)
WINDOW STARTS AFTER ==>          BEFORE ==>
CREATED         AFTER ==>          BEFORE ==>
EXECUTED        AFTER ==>          BEFORE ==>
CAST            AFTER ==>          BEFORE ==>
BACKED OUT      AFTER ==>          BEFORE ==>

```

To generate Endeavor Archived Package reports perform the following steps:

1. Select the reports you want to generate. Do this in the SELECT REPORTS fields, by typing an alphanumeric character in the field(s) next to the number(s) of the report(s) you want to generate.
2. In the FROM ARCHIVE TAPE field, specify the physical location (tape or disk) of the archived packages. This information must be specified using JCL conventions. The //ARCINPT DD portion of the DD statement is provided automatically.
3. Specify other information necessary to qualify your request. This information is optional. The following fields are available.

Use This Field	To Restrict Your Request To
Package ID	One or more package IDs, by typing the package ID(s) and/or a name mask in this field.
Approver Group	One or more approver groups, by typing the approver group identifier(s) and/or a name mask in this field.
Approver	One or more approvers within an approver group, by typing the approver ID(s) and/or a name mask in this field.
Status Fields	Packages having the specified status(es), by typing Y next to each status you want to include in the report.

Use This Field	To Restrict Your Request To
Select Where Date Fields	Packages that were created, executed, cast, backed out, or that have an execution window between the specified dates. Do this by typing the date ranges you want to include in the report in the appropriate fields on the panel. Dates may be entered in either of two formats: MM/DD/YY or DDMMYY.

4. Press ENTER or the END key. If you press ENTER, Endeavor builds the JCL to generate the reports you have specified, and returns to the Reporting Interface panel and displaying the message, JOB STEP CREATED, in the upper-right corner of the panel. At this point you can:

- Press the END key to cancel and return to the User Options Menu.
- Build JCL steps for other reports (options 1-7).
- Edit the JCL that has just been built (option E).
- Submit the job for execution (option S).

If you press the END key, Endeavor cancels the build request and returns the Reporting Interface panel.

2.3 Step 2: Edit Report JCL

After building the JCL for a series of reports, the Endeavor Reporting Interface panel allows you to review/edit the JCL.

```

----- ENDEAVOR REPORTING INTERFACE -----
OPTION ==>

  1 MASTER          - Build Master Control File report JCL
  2 SMF             - Build SMF historical report JCL
  3 PACKAGE         - Build Package report JCL
  4 FOOTPRINT       - Build Footprint report JCL
  5 UNLOAD          - Build Unload/Reload report JCL
  6 SHIPMENTS       - Build Package Shipment report JCL
  7 ARCHIVED PACKAGE - Build Archived Package report JCL

E EDIT             - Edit Report JCL
S SUBMIT           - Submit Report JCL for Batch execution

Job statement information:

==> //CHARPER1 JOB (00000000),'ENDEAVOR',NOTIFY=CHARPER,
==> //          REGION=4M,MSGCLASS=X,CLASS=B
==> //
==> //

```

To edit the report JCL perform the following steps:

1. Select the EDIT option by typing a **E** in the OPTION field and pressing ENTER. Endeavor displays the report JCL.
2. Edit the JCL as necessary.
3. Press the END key to return to the Endeavor Reporting Interface panel.

An example of report JCL appears on the next page. Lines that appear in bold in the example are the lines built by the reporting interface. A discussion of these lines follows the example.

2.3.1 Sample Report JCL

```

//*****
//*
//*   ENDEAVOR REPORTS
//*
//*****
//REPORTS EXEC PGM=NDVRC1,PARM=C1BR1000,REGION=4096K
//STEPLIB DD DSN=iprfix.igual.LOADLIB,DISP=SHR
//***** DD DSN=SYS2.PANVALET.LOAD,DISP=SHR      PANVALET LOADLIB
//CONLIB DD DSN=iprfix.igual.LOADLIB,DISP=SHR
//          DD DSN=iprfix.igual.CONLIB,DISP=SHR
//*****

```

```

//***
//**
//*      THE FOLLOWING DDNAME STATEMENTS WILL BE BUILT BY THE
//*      ENDEVOR REPORTING INTERFACE.  THEY ARE USED
//*      FOR THE FOLLOWING REASONS.
//**
//*      BSTINP   - SPECIFY SELECTION CRITERIA HERE
//*      BSTPDS   - DSN OF LIBRARY FOR FOOTPRINT REPORTS
//*      BSTIPT   - ADDITIONAL INCLUDE/EXCLUDE SYNTAX FOR
//*                  FOOTPRINT REPORTS
//*      SMFDATA  - DSN OF SMF INPUT
//*      UNLINPT  - DSN OF UNLOAD TAPE OR FILE
//*      ARCINPT  - DSN OF ARCHIVED PACKAGES TAPE OR FILE
//**
//***
//*****
//BSTRPTS DD SYSOUT=*                      REPORT OUTPUT
//BSTINP  DD *                            SELECTION CRITERIA
//      REPORT 07 .
//      ENVIRONMENT SMPLTEST
//      SYSTEM    ADMIN
//      SUBSYSTEM  STANDARD .
//      TYPE      PROCESS .
//      STAGE     A
//BSTPDS  DD DUMMY                        FOOTPRINT DATA SET
//BSTIPT  DD DUMMY                        FOOTPRINT CRITERIA
//SMFDATA DD DUMMY                        SMF DATA SET
//UNLINPT DD DUMMY                        UNLOAD DATA SET
//*****
//***
//**                  MISCELLANEOUS FILES
//**
//*****
//BSTPCH  DD DSN=&TEMP,DISP=(NEW,PASS),
//          UNIT=SYSDA,SPACE=(CYL,(1,1)),
//          DCB=(RECFM=FB,LRECL=416,BLKSIZE=4160)
//BSTLST  DD SYSOUT=*
//SORTIN  DD UNIT=SYSDA,SPACE=(CYL,(4,1))
//SORTOUT DD UNIT=SYSDA,SPACE=(CYL,(4,1))
//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(5,5))
//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(5,5))
//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(5,5))
//C1MSG1  DD SYSOUT=*
//SYSOUT  DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//FOOTDD  DD DUMMY

```

2.3.1.1 Notes on Sample JCL

The reporting interface uses the information provided on the report specification panels to build two components of the report JCL that it generates on a job-by-job basis.

These components are:

- Report selection criteria
- DD statements as needed by the reports

The reporting interface specifies the report selection criteria in the `//BSTINP DD *` statement in the JCL. The reporting interface always builds a `//BSTRPTS DD SYSOUT=*` statement. This is the data set that receives the report output. It builds the following DD statements as necessary:

DD statement	Specifies
<code>//BSTPDS DD</code>	From data set to be analyzed in one or more Footprint reports (CONRPT80-83).
<code>//BSTIPT DD</code>	Include and/or exclude statements for one or more Footprint reports.
<code>//SMFDATA DD</code>	From SMF data set to be analyzed in one or more Historical (SMF) reports (CONRPT40-43).
<code>//UNLINPT DD</code>	From data set to be analyzed in one or more of the Unload/Reload reports (CONRPT50-55).
<code>//FOOTDD DD</code>	An optional footprint file. The actual footprint DDname is identified in the input BSTINP syntax and is applicable to the Footprint reports only.
<code>//ARCINPT DD</code>	Input for the Archived Packages Report, it contains the data that is analyzed. (CONRPT56-58)

2.4 Step 3: Create a Jobcard

You can create the jobcard for the report job stream on the Endeavor Reporting Interface panel. Do this in the JOB STATEMENT INFORMATION fields. An example is shown below.

```
----- ENDEAVOR REPORTING INTERFACE -----  
OPTION ==>  
  
1 MASTER          - Build Master Control File report JCL  
2 SMF             - Build SMF historical report JCL  
3 PACKAGE         - Build Package report JCL  
4 FOOTPRINT       - Build Footprint report JCL  
5 UNLOAD          - Build Unload/Reload report JCL  
6 SHIPMENTS       - Build Package Shipment report JCL  
7 ARCHIVED PACKAGE - Build Archived Package report JCL  
  
E EDIT           - Edit Report JCL  
S SUBMIT         - Submit Report JCL for Batch execution  
  
Job statement information:  
  
==> //CHARPER1 JOB (00000000),'ENDEAVOR',NOTIFY=CHARPER,  
==> //          REGION=4M,MSGCLASS=X,CLASS=B  
==> //  
==> //
```

2.5 Step 4: Submit a Job

After building the report job stream, reviewing and editing the JCL as necessary, and creating the jobcard for the job, you can submit the job by typing **S** in the **OPTION** field on the Endeavor Reporting Interface panel and pressing **ENTER**.

Once the job has been submitted, Endeavor initializes its work file so you may begin building a new job stream. Endeavor returns the Endeavor Reporting Interface panel with the message **JOB SUBMITTED** displayed in the upper-right corner of the panel.

Chapter 3. Master Control File Reports

3.1 Overview

The reports, listed below, are described in detail in this chapter:

- CONRPT01: System Inventory Profile
- CONRPT02: System Inventory Summary
- CONRPT03: Element Catalog
- CONRPT04: Element Activity Profile
- CONRPT05: Element Activity Summary
- CONRPT06: Element Catalog by CCID
- CONRPT07: System Definition Profile
- CONRPT08: Element Signed Out Profile - by System
- CONRPT09: Element Signed Out Profile - by User
- CONRPT10: Approver Group Definition
- CONRPT11: Approver Group Usage
- CONRPT12: Element Catalog by Retrieve CCID

The Master Control File reports reflect the definitions of systems, subsystems, element types, and elements, which are stored in the Endeavor Master Control File.

3.2 CONRPT01: System Inventory Profile

(C) 1987,2002 Computer Associates International						Endevor		0		mm/dd/yy 10:47:21 PAGE 123 RELEASE X.XX SERIAL XXXXXX				
CONRPT01: SYSTEM INVENTORY PROFILE														
SYSTEM		SYSTEM TITLE							BACKUP DATE		BACKUP TIME			
ADMIN	ENDEVOR ADMINISTRATOR APPLICATIONS													
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE ID	SEQ	ELEMENT	VV.LL	PROCESSOR GROUP	BASE DATE	BASE USER ID	CURRENT DATE	CURRENT USER ID	LAST GEN DATE	LAST GEN USER ID
SMPLTEST	ADMIN	PROCESS	CHDR	2	2			5						
SMPLTEST	ADMIN	PROCESS	CHDR					5						
SMPLTEST	ADMIN	PROCESS	CPGM	2	2	ENMALLOC	01.00	CIRN	10JAN93	DA1DM47F	10JAN93	DA1DM47F	230CT98	DA1SJ279
						XPDYNAM	01.00	CIRN	30DEC92	DA1DM47	30DEC92	DA1DM47	230CT98	DA1SJ279
						XPHOOKC	01.00	CIRN	10JAN93	DA1DM47F	10JAN93	DA1DM47F	230CT98	DA1SJ279
						XPINITC	01.00	CIRN	10JAN93	DA1DM47F	10JAN93	DA1DM47F	230CT98	DA1SJ279
						XPOBXTR	01.00	CIRN	10JAN93	DA1DM47F	10JAN93	DA1DM47F	230CT98	DA1SJ279
						XPXARES	01.02	CIRN	01MAR93	DA2DM47	10MAY93	DA1DM47	230CT98	DA1SJ279
SMPLTEST	ADMIN	PROCESS	CPGM	2	2			6						
SMPLTEST	ADMIN	PROCESS	CPGM					6						
SMPLTEST	ADMIN	PROCESS	LNK	2	2	BSTPBOOT	01.00	LNKRNA	06FEB92	DSIFT11	06FEB92	DSIFT11	230CT98	DA1SJ275
						BSTPCOMP	01.00	LNKERNU	05FEB92	DSIFT11L	05FEB92	DSIFT11L	230CT98	DA1SJ275
						BSTPDOPS	01.00	LNKERNU	05FEB92	DSIFT11L	05FEB92	DSIFT11L	230CT98	DA1SJ275
						BSTPINST	01.00	LNKERNU	05FEB92	DSIFT11L	05FEB92	DSIFT11L	230CT98	DA1SJ275
						BSTPMOPS	01.01	LNKRNA	06FEB92	DSIFT11	10JAN93	DA1DM47H	230CT98	DA1SJ275
						BSTPSHIP	01.00	LNKERNU	05FEB92	DSIFT11L	05FEB92	DSIFT11L	230CT98	DA1SJ275
						BSTPSORT	01.00	LNKRNA	06FEB92	DSIFT11	06FEB92	DSIFT11	230CT98	DA1SJ275
						BSTPXOBJ	01.00	LNKERNU	05FEB92	DSIFT11L	05FEB92	DSIFT11L	230CT98	DA1SJ275
						BSTTLDP	01.00	LNKERUA	05FEB92	DSIFT11L	05FEB92	DSIFT11L	230CT98	DA1SJ275
						XPINITC	01.00	CLKRNA	10JAN93	DA1DM47H	01MAR93	DA2DM47	230CT98	DA1SJ275
						XPINITX	01.00	CLKRNA	10JAN93	DA1DM47H	10JAN93	DA1DM47H	230CT98	DA1SJ275
SMPLTEST	ADMIN	PROCESS	LNK	2	2			11						
SMPLTEST	ADMIN	PROCESS	LNK					11						

3.2.1 Content

CONRPT01 provides detailed information about each element in each system requested. A total statement count is included at each lowest-level break where more than one element is shown for that break level.

This report allows you to see which elements have been updated or processed as a part of the most current project. For example, elements that have been overlooked can be spotted and updated before they are moved to production.

If you direct Endevor to search the environment map to create CONRPT01, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to subsystem, type and relative stage number. Each entry shows source, environment, system, subsystem, stage, and type values.

3.2.1.1 Selection Statements

REPORT 01

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

SEARCH ENVIRONMENT MAP

STAGE

3.2.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage

Note: This sort sequence is followed by Endeavor if you specified **N** (the default) in the SEARCH ENVIRONMENT MAPPING field of the Endeavor Master Control File Reports panel when building your report JCL. If you specified **Y** in the SEARCH ENVIRONMENT MAPPING field, Endeavor searches the environment map, beginning with the system you specified.

3.2.1.3 Page Break

By system

3.2.1.4 Totals

By stage and element type within system

3.2.2 Field Descriptions

The table below describes each of the report fields.

Report Field	Description
System	Name of the system covered by this report page.
System Title	Description of the system covered by this report page.
Backup Date	Date of most recent backup of this system.
Backup Time	Time of most recent backup of this system.
Environ	Name of the environment for which the information is shown to the right.
System	Name of the system for which information is shown to the right.
Subsys	Name of the subsystem for which information is shown to the right.
Type	Name of the element type for which information is shown to the right.
Stage ID	ID of the stage for which information is shown to the right.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
Element	Name of an element defined within the system, subsystem, element type, and stage shown to the left, and for which detailed information is shown to the right.
VV.LL	Current (most recent) version/level for the element.
Processor Group	Name of the processor group for the element.
Base Date	Base date for the element (<i>ddMMMyy</i>).
Base User ID	Base user ID for the element.
Current Date	Level date for the current level of the element (<i>ddMMMyy</i>).
Current User ID	Level user ID for the current level of the element.
Last Gen Date	Generate processor date for the element (<i>ddMMMyy</i>).
Last Gen User ID	Generate processor user ID.

3.3 CONRPT02: System Inventory Summary

(C) 1987,2002 Computer Associates International				Endevor		0	mm/dd/yy 10:47:23 PAGE 125 RELEASE X.XX SERIAL XXXXXX		
CONRPT02: SYSTEM INVENTORY SUMMARY									
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE ID	SEQ	NUMBER OF ELEMENTS	TOTAL STATEMENTS	AVERAGE # OF STATEMENTS	LARGEST # OF STATEMENTS
SMPLTEST	ADMIN	PROCESS	JCLE	2	2	107	8682	81	372
SMPLTEST	ADMIN	PROCESS	JCLE			107	8682		
SMPLTEST	ADMIN	PROCESS	JCLI	2	2	2	176	88	111
SMPLTEST	ADMIN	PROCESS	JCLI			2	176		
SMPLTEST	ADMIN	PROCESS	LNK	2	2	205	827	4	28
SMPLTEST	ADMIN	PROCESS	LNK			205	827		
SMPLTEST	ADMIN	PROCESS	OBJECT	2	2	1	121	121	121
SMPLTEST	ADMIN	PROCESS	RULES	2	2	8	13679	1710	2658
SMPLTEST	ADMIN	PROCESS	RULES			8	13679		
SMPLTEST	ADMIN	PROCESS	SAS	2	2	59	14919	253	1522
SMPLTEST	ADMIN	PROCESS	SAS			59	14919		
SMPLTEST	ADMIN	PROCESS	SCL	2	2	598	41908	70	3553
SMPLTEST	ADMIN	PROCESS	SCL			598	41908		
SMPLTEST	ADMIN	PROCESS	SCLLANG	2	2	2	2418	1209	1793
SMPLTEST	ADMIN	PROCESS	SCLLANG			2	2418		
SMPLTEST	ADMIN	PROCESS				3449	775279		
SMPLTEST	ADMIN	CSP	ASMMAC	2	2	1	32	32	32
SMPLTEST	ADMIN	CSP	ASMPGM	2	2	13	6352	489	878
SMPLTEST	ADMIN	CSP	ASMPGM			13	6352		
SMPLTEST	ADMIN	CSP	CHDR	2	2	4	733	183	348
SMPLTEST	ADMIN	CSP	CHDR			4	733		
SMPLTEST	ADMIN	CSP	CPGM	2	2	9	3735	415	1034
SMPLTEST	ADMIN	CSP	CPGM			9	3735		
SMPLTEST	ADMIN	CSP	ISPM	2	2	2	28	14	20
SMPLTEST	ADMIN	CSP	ISPM			2	28		

3.3.1 Content

For each system included in the report request, this report provides element summary information. When used to report on an entire system, this report is useful in determining the overall size of that system. CONRPT02 is a summary version of CONRPT01.

If you direct Endevor to search the environment map to create CONRPT02, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to subsystem, type and relative stage number. Each entry shows source, environment, system, subsystem, stage, and type values.

3.3.1.1 Selection Statements

REPORT 02

ENVIRONMENT

SYSTEM

SUBSYSTEM

TYPE

STAGE

SEARCH ENVIRONMENT MAP

ELEMENT (included cumulatively only)

3.3.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage

Note: This sort sequence is followed by Endeavor if you specified **N** (the default) in the SEARCH ENVIRONMENT MAPPING field of the Endeavor Master Control File Reports panel when building your report JCL. If you specified **Y** in the SEARCH ENVIRONMENT MAPPING field, Endeavor searches the environment map, beginning with the system you specified.

3.3.1.3 Page Break

By system

3.3.1.4 Totals

By stage within element type, subsystem, system, and environment

3.3.2 Field Descriptions

The table below describes each of the fields that appear on CONRPT02.

Report Field	Description
Environ	Name of the environment for which information is shown to the right.
System	Name of the system for which information is shown to the right.
Subsys	Name of the subsystem for which information is shown to the right.
Type	Type for which information is shown to the right.
Stage ID	ID of the stage for which information is shown to the right.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
Number of Elements	Total number of elements defined for the system, subsystem, element type, and stage shown to the left.
Total Statements	Total number of source statements in all the elements.
Average # of Statements	Average number of source statements in each element.
Largest # of Statements	Largest number of source statements in any one element.

3.4 CONRPT03: Element Catalog

(C) 1987,2002 Computer Associates International				Endevor		0		mm/dd/yy		10:47:25		PAGE 132			
								RELEASE X.XX		SERIAL XXXXXX					
CONRPT03: ELEMENT CATALOG															
LEMENT	ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE ID	VV.LL SEQ	PROCESSOR GROUP	BASE DATE	BASE USER ID	CURRENT DATE	CURRENT USER ID	LAST GEN DATE	LAST GEN USER ID	DELTA TYPE	
\$SPRMCK	SMPLTEST	ADMIN	PROCESS	ASMMAC	2	2 01.00	*NOPROC*	04MAR93	DXB298HD	04MAR93	DXB298HD	21OCT98	DA1SJ276	R	
\$SPRMD5	SMPLTEST	ADMIN	PROCESS	ASMMAC	2	2 01.00	*NOPROC*	04MAR93	DXB298HD	04MAR93	DXB298HD	21OCT98	DA1SJ276	R	
\$ABCD	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$ABSEXP	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.02	*NOPROC*	04APR88	ZSXSXV12	20NOV91	DA1BP12	21OCT98	DA1SJ276	R	
\$ADDR	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.01	*NOPROC*	04APR88	ZSXSXV12	20NOV89	ZSXREL11	21OCT98	DA1SJ276	R	
\$AMODE	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.01	*NOPROC*	04APR88	ZSXSXV12	20NOV89	ZSXREL11	21OCT98	DA1SJ276	R	
\$ASY	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$BSTOSF	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$BSTT	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$CSA	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$DATA	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$DATE	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$DUMP	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$ECB	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$ECBI	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$ECBL	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$ENDUP	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.01	*NOPROC*	04APR88	ZSXSXV12	28JAN91	DA1SJ27	21OCT98	DA1SJ276	R	
\$EP	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$ERUS	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$EXCL	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$FOR	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$HDL	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$ICE	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$INFO	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$INIT	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$LEN	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$LIB	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$LID	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$LITS	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.01	*NOPROC*	04APR88	ZSXSXV12	10JAN93	DA1DM47B	21OCT98	DA1SJ276	R	
\$LLE	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$LONG	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$MAXT	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$MSG	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$NEWL	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$NUM	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	04APR88	ZSXSXV12	04APR88	ZSXSXV12	21OCT98	DA1SJ276	R	
\$OBJFNC	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	10JAN93	DA1DM47B	10JAN93	DA1DM47B	21OCT98	DA1SJ276	R	
\$OBJVND	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.00	*NOPROC*	10JAN93	DA1DM47B	10JAN93	DA1DM47B	21OCT98	DA1SJ276	R	
\$OPLIST	SMPLTEST	ADMIN	XP	ASMMAC	2	2 01.02	*NOPROC*	04APR88	ZSXSXV12	26AUG88	ZSXREL1	21OCT98	DA1SJ276	R	

3.4.1 Content

For the selected environment(s), this report provides detailed information for all elements defined in the Master Control File. This report is sorted by element name.

If you direct Endevor to search the environment map to create CONRPT03, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to element, environment, system, subsystem, type and relative stage number.

3.4.1.1 Selection Statements

REPORT 03

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

SEARCH ENVIRONMENT MAP

3.4.1.2 Sort Sequence

1. Element
2. System
3. Subsystem
4. Type
5. Stage

3.4.1.3 Page Break

None

3.4.1.4 Totals

None

3.4.2 Field Descriptions

The table below describes each of the fields that appear on CONRPT03.

Report Field	Description
Element	Name of the element for which information is shown to the right.
Environ	Name of the environment for which information is shown to the right.
System	Name of the system within which the element is defined.
Subsys	Name of the subsystem within which the element is defined.

Report Field	Description
Type	Name of the element type.
Stage ID	ID of the stage where the element resides.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
VV.LL	Current (most recent) version/level for the element.
Processor Group	The name of the processor group associated with the element.
Base Date	Base date for the element (<i>ddMMMyy</i>).
Base User ID	Base user ID for the element.
Current Date	Level date for the current level of the element (<i>ddMMMyy</i>).
Current User ID	Level user ID for the current level of the element.
Last Gen Date	Generate processor date for the element (<i>ddMMMyy</i>).
Last Gen User ID	Generate processor user ID.
Delta Type	The format in which change history is maintained: <ul style="list-style-type: none"> ■ F — Forward ■ R — Reverse ■ I — Full image delta

3.5 CONRPT04: Element Activity Profile

(C) 1987,2002 Computer Associates International				Endevor		0		mm/dd/yy 10:47:29		PAGE 237				
								RELEASE X.XX		SERIAL XXXXXX				
CONRPT04: ELEMENT ACTIVITY PROFILE 7 DAYS														
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE	ELEMENT	LAST	ACTION	LST	ACTN	PROCRC	NDVRR	CCID	VV.LL	STMTS
				ID	SEQ		DATE	USER	ID					
SMPLTEST	ADMIN	BASE	ASMPGM	2	2	C1BM4210	RETRIEVE	31OCT98	DA2J033	0000	0000	P082342	01.87	2710
SMPLTEST	ADMIN	BASE	LNK	2	2	C1BR1000	MOVE	31OCT98	DA1SJ27	0000	0004	EMVS37 P252	01.04	17
SMPLTEST	ADMIN	BASE	SAS	2	2	C1REPAR0	RETRIEVE	02NOV95	DA2J033		0000	P082407	01.05	853
						C1RPTSMF	RETRIEVE	01NOV95	DA2J033		0000	P082407	01.03	61
						C1RPT05	RETRIEVE	02NOV95	DA2J033		0000	P082407	01.05	1240
						C1RSSEL1	RETRIEVE	02NOV95	DA2J033		0000	P082407	01.02	87

SMPLTEST	ADMIN													4968
SMPLTEST														4968

3.5.1 Content

This report details the last action performed on each element during the time specified using the DAYS statement.

This report is useful in determining whether any work is currently being done on a particular system. It is also useful in identifying who has retrieved elements recently and, consequently, isolating any potential conflicting updates.

If you direct Endevor to search the environment map to create CONRPT04, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to subsystem, type and relative stage number. Each entry shows source, environment, system, subsystem, stage, and type values.

3.5.1.1 Selection Statements

REPORT 04

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

DAYS

SEARCH ENVIRONMENT MAP

3.5.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage
5. Element

3.5.1.3 Page Break

By system

3.5.1.4 Totals

By system and environment

3.5.2 Field Descriptions

The table below describes each of the fields that appear on CONRPT04.

Report Field	Description
Environ	Name of the environment for which information is shown to the right.
System	Name of the system for which information is shown to the right.
Subsys	Name of the subsystem for which information is shown.
Type	Name of the element type for which information is shown.
Stage ID	ID of the stage where the element resides.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
Element	Name of the element defined within the system, subsystem, element type, and stage shown to the left, and for which information is shown to the right concerning the <i>last</i> action.
Last Action	Last action recorded for the element.
Action Date	Date the last action (above) was performed (<i>ddMMMyy</i>).
Current User ID	User ID for the current level of the element.
PROCRC	Processor return code for the element. If the element has been restored (or transferred to Endeavor from an archive data set), but has not been processed subsequently, this is the processor return code stored for the element on the archive data set. When this is the case, be aware that the status of the processor information taken from the archive data set during the RESTORE (or TRANSFER) action may be out of sync with the current processor output, if any.
NDVRRC	Endeavor return code for the element.
CCID	Current source CCID for the element.
VV.LL	Current version/level for the element.
Stmts	Total number of source statements in the current level of the element.
*	Indicates the element is signed out.

3.6 CONRPT05: Element Activity Summary

(C) 1987,2002 Computer Associates International				Endevor		0	mm/dd/yy 10:47:29 PAGE 238	
							RELEASE X.XX SERIAL XXXXXX	
				CONRPT05:		ELEMENT ACTIVITY SUMMARY	7 DAYS	
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE	RETRIEVE	MOVE		
SMPTEST	ADMIN	PROCESS	ASMPGM	2	2	1	0	
SMPTEST	ADMIN	PROCESS	LNK	2	2	0	1	
SMPTEST	ADMIN	PROCESS	SAS	2	2	4	0	
-----	-----	-----	-----	-----	-----	-----	-----	
SMPTEST	ADMIN					5	1	
SMPTEST						5	1	

3.6.1 Content

This report summarizes the *last* actions executed for all elements reported, for the time period requested using the days selection statement. CONRPT05 is a summary version of CONRPT04.

This report summarizes element activity by system, subsystem, element type, and stage, in that order. This sequence lets you see the activity by system and, by comparing the report to the System Inventory Profile (Report 01), you can spot those systems that have elements but no activity for the time period shown.

If you direct Endevor to search the environment map to create CONRPT05, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to subsystem, type and relative stage number. Each entry shows source, environment, system, subsystem, stage, and type values.

3.6.1.1 Selection Statements

REPORT 05

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT (included cumulatively)

TYPE

STAGE

DAYS

SEARCH ENVIRONMENT MAP

3.6.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage

3.6.1.3 Page Break

By system

3.6.1.4 Totals

None

3.6.2 Field Descriptions

The table below describes each of the fields that appear on CONRPT05.

Report Field	Description
Environ	Name of the environment for which information is shown to the right.
System	Name of the system for which information is shown to the right.
Subsys	Name of the subsystem for which information is shown to the right.
Type	Name of the element type for which information is shown to the right.
Stage	ID of the stage for the information shown to the right.
ACTION	<p>Number of times the action named (ADD, RETRIEVE, etc.) was the last action requested, for an element defined within the system, subsystem, element type, and stage indicated, during the time frame selected.</p> <p>This heading appears once for each type of action recorded as the last action for a reported element.</p>

3.7 CONRPT06: Element Catalog by CCID

(C) 1987,2002 Computer Associates International						Endevor		0		mm/dd/yy 10:47:38		PAGE 683			
										RELEASE X.XX		SERIAL XXXXXX			
CONRPT06: ELEMENT CATALOG BY CCID															
CCID	CT	ELEMENT	ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE	VV.LL	BASE	BASE	CURRENT	CURRENT	LAST GEN	LAST GEN	
							ID	SEQ	DATE	USER ID	DATE	USER ID	DATE	USER ID	
DA1JW62	S	@EAPDSCT	SMPLTEST	ADMIN	ELINK	ASMMAC	2	2	01.01	09APR92	DA1SJ27	010CT92	DA1JW62	210CT98	DA1SJ276
	S	@ETALK	SMPLTEST	ADMIN	ELINK	ASMMAC	2	2	01.01	09APR92	DA1SJ27	12NOV92	DA1JW62	210CT98	DA1SJ276
	S	CFXAPALC	SMPLTEST	ADMIN	ELINK	ASMMAC	2	2	01.00	21APR92	DA1JW62	21APR92	DA1JW62	210CT98	DA1SJ276
	S	BC1PELNK	SMPLTEST	ADMIN	ELINK	ASMPGM	2	2	01.01	24APR90	ZSXRA01	09APR92	DA1JW62	230CT98	DA1SJ272
	S	BC1PELN0	SMPLTEST	ADMIN	ELINK	ASMPGM	2	2	01.00	24APR90	ZSXRA01	09APR92	DA1JW62	230CT98	DA1SJ272
	S	BC1PELN3	SMPLTEST	ADMIN	ELINK	ASMPGM	2	2	01.01	24APR90	ZSXRA01	09APR92	DA1JW62	230CT98	DA1SJ272
	S	BC1PELNK	SMPLTEST	ADMIN	ELINK	LNK	2	2	01.00	24MAR92	DA1JW62	24MAR92	DA1JW62	230CT98	DA1SJ277
	S	BC1PELN1	SMPLTEST	ADMIN	ELINK	LNK	2	2	01.00	24MAR92	DA1JW62	24MAR92	DA1JW62	230CT98	DA1SJ277
	S	BC1PELN2	SMPLTEST	ADMIN	ELINK	LNK	2	2	01.01	08FEB92	DSIFT11	24MAR92	DA1JW62	230CT98	DA1SJ277
	S	BC1PELN3	SMPLTEST	ADMIN	ELINK	LNK	2	2	01.00	24MAR92	DA1JW62	24MAR92	DA1JW62	230CT98	DA1SJ277

3.7.1 Content

This report provides element information by CCID. For each CCID, it lists (and provides information about) those elements for which this is the last-specified CCID stored in the Master Control File for the element.

CCIDs are used to categorize activity and/or elements by user-specific criteria. Once the appropriate categories are assigned, this report is useful in tracking changes by category (for example, project, task, etc.). It lets you see quickly what elements have been modified, by whom, and when.

3.7.1.1 Selection Statements

REPORT 06

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

SEARCH ENVIRONMENT MAP

3.7.1.2 Sort Sequence

1. CCID
2. System
3. Subsystem
4. Type
5. Element
6. Stage

3.7.1.3 Page Break

By CCID

3.7.1.4 Totals

None

3.7.2 Field Descriptions

The table below describes each of the fields that appear on CONRPT06.

Report Field	Description
CCID	Change Control ID for which information is shown to the right.
CT	CCID type. The values that may appear in this field are: <ul style="list-style-type: none"> ■ S — Source CCID ■ G — Generate CCID ■ L — Last Action CCID
Element	Name of an element for which this is the last-specified CCID.
Environ	Name of the environment for the element.
System	Name of the system within which the element is defined.
Subsys	Name of the subsystem within which the element is defined.
Type	Name of the element type for the element.
Stage ID	ID of the stage where the element resides.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
VV.LL	Current (most recent) version/level for the element.
Base Date	Base date for the element (<i>ddMMMyy</i>).
Base User ID	Base user ID for the element.

3.7 CONRPT06: Element Catalog by CCID

Report Field	Description
Current Date	Date for the current level of the element (<i>ddMMMyy</i>).
Current User ID	User ID for the current level of the element.
Last Gen Date	Last generate processor date for the element (<i>ddMMMyy</i>).
Last Gen User ID	User ID for last run of generate processor for the element.

3.8 CONRPT07: System Definition

The System Definition Profile Report (CONRPT07) includes the processor group output type field, highlighted below:

3.8.1 Reports

The System Definition Profile Report (CONRPT07) includes the processor group output type field, highlighted below:

(C) XXXX		Computer Associates International				Endevor		03/19/01 10:16:49				PAGE 3	
								RELEASE X.X				SERIAL XXXXXX	
CONRPT07: SYSTEM DEFINITION PROFILE													
ENVIRONMENT: SMPTEST				TITLE: TEST ENVIRONMENT				RELATIVE ENVIRONMENT NUMBER: 1					
STAGE NAME		ID	TITLE		MASTER CONTROL FILE				RELATIVE STAGE NO		NEXT ENVIRON	NEXT STAGE	
QA		2	QUALITY ASSURANCE		CA.ENDEVOR.SMPLQA.MCF				1		PROD	PROD2	
SYSTEM NAME		DESCRIPTION				NEXT SYSTEM	COMMENT REQ	CCID REQ	JUMP REQ	ACTIVATE SIGNIN/OUT	VALIDATE REQ	LAST BACKUP DATE TIME	
ADMIN		ENDEVOR ADMINISTRATION APPLICATION				ADMIN	Y	N	Y	Y	N		
						DUP ELM NAME CHK		DUP PROC O/P TYPE CHK					
						ACTIVE / MSGSEV		ACTIVE / MSGSEV					
						N / N/A		N / N/A					
STAGE NAME: QA		PROCESSOR LOAD LIBRARY: CA.ENDEVOR.SMPLQA.LOADLIB											
		PROCESSOR LIST LIBRARY:											
SUBSYSTEM: BASE		SUBSYSTEM TITLE: BASE COMPONENTS OF ENDEVOR/MVS								NEXT SUBSYSTEM: BASE			
TYPE: LNK		DESCRIPTION: LINKEDIT PROCESSOR								NEXT TYPE: LNK			
DELTA	DEFAULT	HOME	PC		PV/LB	REGRESSION	SOURCE	COMPARE	COMPRESS	AUTO	CONSOL	LEVELS	
FORMAT	PROC GROUP	OPSYS	EXTENSION	LANG	LANG	PCT SEVERITY	LENGTH	FROM	TO	BASE	CONSOL	AT LEVEL TO CONSOL	
REV	LNKERNU			TEXT	DATA	50	C	80	1	80	NO	YES	95 45
LAST UPDATED BY: CHARPER		LAST UPDATE DATE: 05SEP02		LAST UPDATE TIME: 15:20									
COMPONENT LIST OPTIONS:		FWD/REV DELTA: REV		AUTO CONSOL: YES		CONSOL AT LEVEL: 95		LEVELS TO CONSOL: 45					
BASE LIBRARY: CA.&CIEN.&C1SY(5,3)S2.LKEDLIB		INCLUDE LIBRARY:											
DELTA LIBRARY: CA.&CIEN..DELTA		SOURCE OUTPUT LIBRARY:											
		EXPAND INCLUDES: N											
PROCESSOR GROUP: *NOPROC*		DESCRIPTION: Do not execute a processor								NEXT PROCESS GROUP: *NOPROC*			
		PROCESSOR OUTPUT TYPE: LNK								*NOPROC*			
PROCESSOR ON MOVE: M		PROCESSOR ON TRANSFER: G											
PROCESSOR: *NOPROC*		TYPE: GEN FOREGROUND: Y											
PROCESSOR: *NOPROC*		TYPE: GEN FOREGROUND: Y											
PROCESSOR: *NOPROC*		TYPE: GEN FOREGROUND: Y											
PROCESSOR GROUP: CLKENRUA		DESCRIPTION: External, SAS/C, Norent, Allres, Not Auth'd								NEXT PROCESS GROUP: CLKENRUA			
		PROCESSOR OUTPUT TYPE: LNK								CLKENRUA			
PROCESSOR ON MOVE: G		PROCESSOR ON TRANSFER: G											
PROCESSOR: *NOPROC*		TYPE: GEN FOREGROUND: N								SYMBOLICS: CMPHLI		SYSPROG	
PROCESSOR: DPDSMBR		TYPE: GEN FOREGROUND: Y								SYMBOLICS: CMPHLI		SYSPROG	
PROCESSOR: GCLINK		TYPE: GEN FOREGROUND: Y								SYMBOLICS: CMPHLI		SYSPROG	
PROCESSOR: *NOPROC*		TYPE: GEN FOREGROUND: N								SYMBOLICS: CMPVER		SASC550	
PROCESSOR: DPDSMBR		TYPE: GEN FOREGROUND: Y								SYMBOLICS: CMPVER		SASC550	
PROCESSOR: GCLINK		TYPE: GEN FOREGROUND: Y								SYMBOLICS: CMPVER		SASC550	
PROCESSOR: *NOPROC*		TYPE: GEN FOREGROUND: N								SYMBOLICS: ENTRY		MAIN	

3.8.2 Content

This report provides detailed system definition information for each system requested. System definition information is described in the *Administration Guide*. Refer to this guide for related information.

3.8.2.1 Selection Statements

REPORT 07

ENVIRONMENT

SYSTEM

TYPE

STAGE

SEARCH ENVIRONMENT MAP

3.8.2.2 Sort Sequence

1. Environment
2. Stage
3. System
4. Subsystem
5. Type
6. Processor Group
7. Processor

3.8.2.3 Page Break

By environment, by system, by stage within each system

3.8.2.4 Totals

None

When the environment map is searched for this report, the stage you specify when building the report JCL is used by the system as a starting point for the report. If the environment map is not searched, the system uses the stage you specify as a filter.

Note: All symbolic overrides are reported.

3.8.3 Field Descriptions

The table below describes each of the fields that appear on CONRPT07.

Report Field	Description
Environment	Name of the environment within which the system is defined.
Title	Descriptive title for the system.
Relative Environment Number	Relative environment based on the environment selection criteria.
Stage Name	Name of the stage in the specified environment.
ID	ID of the stage in the specified environment.
Title	Stage name title.
Master Control File	Data set name of the Master Control File (MCF) for this stage.
Relative Stage No.	Relative stage in the environment map.
Next Environ	Next environment in the environment map.
Next Stage	Next stage name in the environment map.
System Name	Name of the system for which the definition information is shown.
Description	Descriptive information about the system.
Next System	Next system in the environment map.
Comment Req	Indicates whether there must be a comment for actions against this system. Valid entries are: <ul style="list-style-type: none"> ■ Y — Each action must have a comment. ■ N — Default. Comments are not required for actions.
CCID Req	Indicates whether a CCID is required for actions against this system. Valid entries are: <ul style="list-style-type: none"> ■ Y — Each action must have a CCID. ■ N — Default. A CCID is not required for actions.
Jump Req	Indicates whether users must specify ACKNOWLEDGE ELM JUMP=Y when moving elements. Valid entries are: <ul style="list-style-type: none"> ■ Y — Users must specify ACKNOWLEDGE ELM JUMP=Y. ■ N — Default. Users do not have to specify ACKNOWLEDGE ELM JUMP=Y.
Activate Signin/Signout	Indicates whether the sign-in/sign-out facility is in use for this system. <ul style="list-style-type: none"> ■ Y — The sign-in/sign-out facility is in use. ■ N — The sign-in/sign-out facility is not in use.

Report Field	Description
Validate Req	Indicates whether the data set validation facility is in use for this system. <ul style="list-style-type: none"> ■ Y — The data set validation facility is in use. ■ N — The data set validation facility is not in use.
Last Backup Date	Date of most recent unload of this system in the format <i>ddMMMyy</i> .
Last Backup Time	Time the system definition was last updated (<i>hh:mm</i>).
Stage Name	Name of the current stage.
Processor Load Library	An OUTPUT library for elements with a type of 'PROCESS' defined to the current SYSTEM. This library is also searched for processors for use by this System. Note: The search order is Stage 1 first, followed by Stage 2 for this Environment and System combination.
Processor List Library	Name of the listing library for elements of type 'PROCESS' defined to the current system.
Subsystem	Subsystem name defined for the system.
Subsystem Title	Descriptive information about the subsystem defined for the system.
Next Subsystem	Next subsystem defined in the environment map.
Type	Information about each element type defined to the system.
Description	Description of the type defined to the system.
Next Type	Next type defined in the environment map.
Fwd/Rev Delta	Specifies the delta storage format for elements of this type. <ul style="list-style-type: none"> ■ R — Default. Reverse delta format. ■ F — Forward delta format.
Default PROC Group	Identifies the default processor group for this type.
Home OPSYS	Indicates the platform on which elements of this type are created. Valid entries are: <ul style="list-style-type: none"> ■ M — Default. Elements of this type are created on the mainframe. ■ P — Elements of this type are created on PCs.
PC Extension	Indicates the 1- to 3-character file extension to be used on PC or LAN platforms for elements of this type.
Lang	Defines the source language for the type.

Report Field	Description
PV/LB Lang	<p>Applicable to sites using an AllFusion CA-Panvalet or AllFusion CA-Librarian library to store elements. 1- to 8- character AllFusion CA-Panvalet or AllFusion CA-Librarian source language for the type.</p> <p>Valid entries for AllFusion CA-Panvalet:</p> <p>ANSCOBOL COBOL JCL USER780 ALC COBOL-72 PL1 AUTOCODE DATA RPG BAL FORTRAN USER180</p> <p>Valid entries for AllFusion CA-Librarian:</p> <p>ASM FRG FCL TXT COB FRH PLF VSB DAT GIS PLI FOR GOF RPG</p>
Regression Pct	Indicates the regression percent for elements of this type.
Regression Severity	<p>Indicates the severity of the error message issued when Endeavor detects regression. Valid entries are:</p> <ul style="list-style-type: none"> ■ I — Informational message. ■ W — Warning message. ■ C — Critical message. ■ F — Fatal message.
Source Length	Logical record length in source statements. The maximum allowable value is 32,000.
Compare From	Position within each statement at which Endeavor begins comparing to identify changed statements.
Compare To	Position within each statement at which Endeavor stops comparing to identify changed statements.
Compress Base	<p>Indicates whether the system encrypts and compresses the base form of elements stored in reverse delta format. Valid entries are:</p> <ul style="list-style-type: none"> ■ YES — Encryption and compression enabled. ■ NO — Default. Encryption and compression not in effect.
Auto Consol	<p>Indicates whether Endeavor consolidates change levels automatically. Valid entries are:</p> <ul style="list-style-type: none"> ■ YES — Consolidates automatically. ■ NO — Default. Does not consolidate automatically.
Consol at Level	Indicates the level number at which Endeavor consolidates deltas.
Levels to Consol	Indicates the number of deltas to consolidate when the number of levels reaches the figure in the CONSOL AT LEVEL field.
Last Updated By	ID of user responsible for last updating the definition of the system.

Report Field	Description
Last Update Date	Date the system definition was last updated (<i>ddMMMyy</i>).
Last Update Time	Time the system definition was last updated (<i>hh:mm</i>).

3.8.4 Data Set and Processor Options

The table below describes the data set and processor options fields.

Report Field	Description
Fwd/Rev Delta	Specifies the delta storage format for elements of this type. <ul style="list-style-type: none"> ▪ R — Default. Reverse delta format. ▪ F — Forward delta format.
Auto Consol	Indicates whether Endeavor consolidates change levels automatically. Valid entries are: <ul style="list-style-type: none"> ▪ YES — Consolidates automatically. ▪ NO — Default. Does not consolidate automatically.
Consol at Level	Specifies the level number at which Endeavor consolidates deltas.
Levels to Consol	Indicates the number of deltas to consolidate when the number of levels reaches the figure in the CONSOL AT LEVEL field.
Base Library	Name of the base library for the type.
Delta Library	Name of the delta library for the type.
Include Library	Name of the PDS, AllFusion CA-Panvalet, or AllFusion CA-Librarian INCLUDE library for the type.
Source Output Library	Data set name of the source output library.
Expand INCLUDEs	Indicates whether INCLUDE statements are expanded when the element is written to the source output library. Valid entries are: <ul style="list-style-type: none"> ▪ Y — Expand INCLUDE statements. ▪ N — Do not expand INCLUDE statements.
Processor Group	Name of the processor group.
Processor Group Output Type	Specifies the output type for the processor. The processor "output type" works in conjunction with element registration to enable duplicate element names across systems, subsystems, or element types. This feature prevents like-named modules from overlaying each other in output libraries because the addition of the output type makes each like-named element unique.
Description	Description of the processor group.
Next Process Group	Name of the processor group at the next map location.

Report Field	Description
Processor on Move	Indicates which processor to use for the MOVE action. Valid entries are: <ul style="list-style-type: none">▪ M — Move processor.▪ G — Generate processor.
Processor on Transfer	Indicates which processor to use for the TRANSFER action. Valid entries are: <ul style="list-style-type: none">▪ M — Move processor.▪ G — Generate processor.
Processor	Name of the processor.
Type	Indicates the type of processor. Valid entries are: <ul style="list-style-type: none">▪ DEL — Delete processor.▪ GEN — Generate processor.▪ MOVE — Move processor.
Foreground	Indicates whether the delete, generate, or move processors can be executed in foreground. Valid entries are: <ul style="list-style-type: none">▪ Y — The processor can be executed in the foreground.▪ N — The processor cannot be executed in the foreground.

3.9 CONRPT08: Element Signed Out Profile - by System

(C) 1987,2002 Computer Associates International				Endevor		0		mm/dd/yy 10:47:43		PAGE 1351	
								RELEASE X.XX		SERIAL XXXXXX	
CONRPT08: ELEMENT SIGNED OUT PROFILE - BY SYSTEM											
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE ID	SEQ	ELEMENT	VV.LL	SIGNED OUT TO USER	DATE SIGNED OUT	CCID	LAST ACTION
SMPLTEST	ADMIN	PROCESS	ASMPGM	2	2	BC1PAPNT	01.02	CA2BB39	08JAN91	DA1SJ27	GENERATE
						BC1PSCRN	01.87	DA1RD29	26OCT98	P082962	RETRIEVE
						BC1PSYMS	01.07	DA1RD29	25OCT98	P053492	RETRIEVE
						CONMSG51	01.57	DA1RD29	27OCT98	ITE	RETRIEVE
						C1BM4210	01.87	DA2J033	31OCT98	P082342	RETRIEVE
						C1BR3020	01.08	DA2J033	27OCT98	P079945	RETRIEVE
						C1GJTRNS	01.77	DA1RD29	24OCT98	ITE	RETRIEVE
						C1GL0000	01.12	DA2J033	23OCT98	P082906	GENERATE
						ENBEMSG1	01.05	DA2J033	05OCT98	P080189	GENERATE
						ENBE2330	01.09	DA2J033	05OCT98	P080189	GENERATE
						ENCIO0I0	01.07	DA2J033	05OCT98	P080189	GENERATE
						SMPLTEST	ADMIN	PROCESS	CPGM	2	2
SMPLTEST	ADMIN	PROCESS	SAS	2	2	C1REPAR0	01.05	DA2J033	02NOV98	P082407	RETRIEVE
						C1RPEXT0	01.11	DA2J033	25OCT98	P079618	RETRIEVE
						C1RPTSMF	01.03	DA2J033	01NOV98	P082407	RETRIEVE
						C1RPT05	01.05	DA2J033	02NOV98	P082407	RETRIEVE
						C1RSSEL1	01.02	DA2J033	02NOV98	P082407	RETRIEVE
SMPLTEST	ADMIN	DB2	CPGM	2	2	ENNSYNC	01.14	CA2BB39	30DEC92	P163	GENERATE
						BC1PACC	01.00	CA2BB39	05FEB92	DSIFT11	GENERATE
SMPLTEST	ADMIN	DB2	LNK	2	2	BC1PCAFL	01.00	CA2BB39	05FEB92	DSIFT11	GENERATE
						BC1PHL12	01.00	CA2BB39	05FEB92	DSIFT11	GENERATE
						ENNSYNC	01.01	CA2BB39	30DEC92	EDB2	GENERATE
SMPLTEST	ADMIN	ELINK	ASMPGM	2	2	BC1PELN1	01.59	CA2BB39	12OCT98	P082289	GENERATE
SMPLTEST	ADMIN	PDM	SAS	2	2	C1GEPAR0	01.04	DA2J033	27OCT98	P082957	RETRIEVE

3.9.1 Content

For each system requested, this report lists those elements that are currently signed out. This report is useful in locating elements that are currently under development.

If you direct Endevor to search the environment map to create CONRPT08, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to subsystem, type and relative stage number. Each entry shows source, environment, system, subsystem, stage, and type values.

3.9.1.1 Selection Statements

REPORT 08

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

SEARCH ENVIRONMENT MAP

3.9.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage
5. Element

3.9.1.3 Page Break

By system

3.9.1.4 Totals

None

3.9.2 Field Descriptions

The table below describes the fields that appear on CONRPT08.

Report Field	Description
Environ	Name of the environment for which sign-out information is shown to the right.
System	Name of the system for which sign-out information is shown to the right.
Subsys	Name of the subsystem for which sign-out information is shown to the right.
Type	Name of the element type for which sign-out information is shown to the right.
Stage ID	ID of the stage for which sign-out information is shown.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
Element	Name of the element that is signed out.
VV.LL	Current version/level for the element.
Signed Out to User	ID of User to which the element is signed out.
Date Signed Out	Date the element was signed out to this user (<i>ddMMMyy</i>).
CCID	Current source CCID for the element.
Last Action	Last action performed against the element.

3.10 CONRPT09: Element Signed Out Profile - by User

(C) 1987,2002 Computer Associates International				Endevor		0		mm/dd/yy 10:47:43		PAGE 1354	
								RELEASE X.XX		SERIAL XXXXXX	
CONRPT09: ELEMENT SIGNED OUT PROFILE - BY USER											
SIGNED OUT TO USER	DATE SIGNED OUT	ENVIRON	SYSTEM	SUBSYS	ELEMENT	TYPE	STAGE ID SEQ	VV.LL	CCID	LAST ACTION	
DA2J033	31OCT98	SMPLTEST	ADMIN	PROCESS	C1BM4210	ASMPGM	2 2	01.87	P082342	RETRIEVE	
	27OCT98	SMPLTEST	ADMIN	PROCESS	C1BR3020	ASMPGM	2 2	01.08	P079945	RETRIEVE	
	23OCT98	SMPLTEST	ADMIN	PROCESS	C1GL0000	ASMPGM	2 2	01.12	P082906	GENERATE	
	05OCT98	SMPLTEST	ADMIN	PROCESS	ENBEMSG1	ASMPGM	2 2	01.05	P080189	GENERATE	
	05OCT98	SMPLTEST	ADMIN	PROCESS	ENBE2330	ASMPGM	2 2	01.09	P080189	GENERATE	
	05OCT98	SMPLTEST	ADMIN	PROCESS	ENC10010	ASMPGM	2 2	01.07	P080189	GENERATE	
	23OCT98	SMPLTEST	ADMIN	PROCESS	ENBE3000	CPGM	2 2	01.02	P082925	GENERATE	
	02NOV98	SMPLTEST	ADMIN	PROCESS	C1REPAR0	SAS	2 2	01.05	P082407	RETRIEVE	
	25OCT98	SMPLTEST	ADMIN	PROCESS	C1RPEXT0	SAS	2 2	01.11	P079618	RETRIEVE	
	01NOV98	SMPLTEST	ADMIN	PROCESS	C1RPTSMF	SAS	2 2	01.03	P082407	RETRIEVE	
	02NOV98	SMPLTEST	ADMIN	PROCESS	C1RPT05	SAS	2 2	01.05	P082407	RETRIEVE	
	02NOV98	SMPLTEST	ADMIN	PROCESS	C1RSSEL1	SAS	2 2	01.02	P082407	RETRIEVE	
	27OCT98	SMPLTEST	ADMIN	PDM	C1GEPAR0	SAS	2 2	01.04	P082957	RETRIEVE	

3.10.1 Content

This report lists the elements signed out to each individual user. The report sorts first by user ID (SIGNED OUT TO USER field), and is useful in locating elements that are under development by a particular user.

If you direct Endevor to search the environment map to create CONRPT09, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to subsystem, type and relative stage number. Each entry shows source, environment, system, subsystem, stage, and type values.

3.10.1.1 Selection Statements

REPORT 09

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

SEARCH ENVIRONMENT MAP

3.10.1.2 Sort Sequence

1. User ID
2. System
3. Subsystem
4. Type
5. Stage

3.10.1.3 Page Break

By user

3.10.1.4 Totals

None

3.10.2 Field Descriptions

The table below describes the fields that appear on CONRPT09.

Report Field	Description
Signed Out to User	ID of user under which the element is signed out.
Date Signed Out	Date the element was signed out to this user (<i>ddMMMyy</i>).
Environ	Environment under which the element is defined.
System	System under which the element is defined.
Subsys	Subsystem under which the element is defined.
Element	Name of the signed-out element.
Type	Name of the element type for the element.
Stage ID	ID of the stage where the element resides.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
VV.LL	Current version/level for the element.

Report Field	Description
CCID	<p>The CCID reported is based upon the sign-out ID of the element as follows:</p> <ul style="list-style-type: none">■ If the retrieve user ID equals the sign-out ID, retrieve date and CCID appear on the report.■ If last level user ID equals the sign-out ID, last level date and CCID appear on the report.■ If last action user ID equals the sign-out ID or the last action user ID equals the sign-in ID, last action date and CCID appear on the report.■ Or else the base date and last level CCID appear on the report.
Last Action	Last action performed against the element.

3.11 CONRPT10: Approver Group Definition

(C) 1987,2002 Computer Associates International		Endevor	0	11/09/98 09:11:47	PAGE 8
				RELEASE X.XX	SERIAL XXXXXX
CONRPT10: APPROVER GROUP DEFINITION					
ENVIRONMENT: SMPLTEST		TITLE: ENDEVOR ADMINISTRATION APPLICATION		QUORUM: 01	
GROUP : DB2DBA		LAST UPDATED BY: MAILT01Z ON: 01SEP95 AT: 07:22:55			
		USERIDS: KMCINTY (REQ)			
WHERE USED:		STAGE	SYSTEM	SUBSYSTEM	TYPE
		2	ADMIN	PROCESS	DB2BAS
		2	ADMIN	PROCESS	XJCLB
		2	ADMIN	PROCESS	XJCLE

3.11.1 Content

The Approver Group Definition report lists, by approver group, selected information pertaining to each approver group defined in Endevor. Approver group definition is explained completely in the *Packages Guide*. Refer to this guide for related information.

3.11.1.1 Selection Statements

REPORT 10

ENVIRONMENT

SYSTEM

SUBSYSTEM

TYPE

SEARCH ENVIRONMENT MAP

3.11.1.2 Sort Sequence

Approver group name

3.11.1.3 Page Break

By approver group

3.11.1.4 Totals

None

3.11.2 Field Descriptions

The table below describes the fields that appear on CONRPT10.

Report Field	Description
Environment	Name of the environment in which the approver group is defined.
Group	Name of the approver group.
Title	Descriptive title for the approver group, up to 50 characters in length.
Quorum	Indicates the quorum size for this approver group; that is, the minimum number of people required to approve the package in order for the package to be executed.
Last Updated By	Indicates when the approver group definition was last updated, listing user (BY:), date (ON:), and time (AT:).
User IDs	The approvers for the inventory areas specified (see the next report field described).
Where Used	The inventory areas to which the approver group is related. These areas are identified by stage, system, subsystem, and/or type, all within the environment listed at the top of the report.

3.12 CONRPT11: Approver Group Usage

(C) 1987,2002 Computer Associates International				Endevor	0	11/09/98 09:11:47 PAGE 45			
				CONRPT11: APPROVER GROUP USAGE		RELEASE X.XX SERIAL XXXXXX			
ENVIRONMENT: SMPLTEST									
STAGE	SYSTEM	SUBSYSTEM	TYPE	-----		APPROVER GROUPS	-----		
1	*	*	FORT	(ST)	GROUP02				
*	BOBSYS	BOBSUB	APR	(ST)	XX				
2	BOBSYS	BOBSUB	BOB	(ST)	BOBSYS2				
*	GMGTEST	GMGTEST	RICH	(ST)	RICHFOOD				
2	QADB2362	DB2230	DB2BAS	(ST)	DB2DBA				
2	QADB2362	DB2230	XJCLB	(EM)	DB2DBA				
2	QADB2362	DB2230	XJCLE	(ST)	DB2DBA				
1	UPMPCK	*	COBOL	(ST)	MCKPK4				
2	UPMPCK	*	COBOL	(ST)	MCKPK1	(ST) MCKPK2	(ST) MCKPK3	(ST) MCKPK4	
1	UPMPCK	UPMSUB	COBOL	(ST)	MCKPK1	(ST) MCKPK2	(ST) MCKPK3		
2	UPMSYS	UPMSUB	ASM	(ST)	MICK				

3.12.1 Content

The Approver Group Usage report lists all inventory areas, within a specified environment, for which approval is required. The approver groups related to each inventory area are shown to the right of the inventory area identification.

3.12.1.1 Selection Statements

REPORT 11

ENVIRONMENT

SEARCH ENVIRONMENT

MAP

3.12.1.2 Sort Sequence

1. Stage
2. System
3. Subsystem
4. Type

3.12.1.3 Page Break

None

3.12.1.4 Totals

None

3.12.2 Field Descriptions

The table below describes the fields that appear on CONRPT11.

Report Field	Description
Environment	Name of the environment in which the inventory areas are defined.
Stage/System/ Subsystem/Type	The inventory areas for which approval is required.
Approver Groups	<p>The approver groups related to each inventory area.</p> <p>Notes:</p> <p>More than one approver group can be associated with a particular inventory area. The approver group type appears in parentheses to the left of the approver group name:</p> <ol style="list-style-type: none">1. ST — The approver group type is standard.2. EM — The approver group type is emergency.

3.13 CONRPT12: Element Catalog by Retrieve CCID

(C) 1987,2002 Computer Associates International					Endevor		0		mm/dd/yy 10:47:43		PAGE 1362		
									RELEASE X.XX		SERIAL XXXXXX		
CONRPT12: ELEMENT CATALOG BY RETRIEVE CCID													
CCID	ELEMENT	ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE	VV.LL	BASE	BASE	CURRENT	CURRENT	LAST GEN	LAST GEN
						ID SEQ	DATE	USER ID	DATE	USER ID	DATE	USER ID	
P082407	C1REPAR0	SMPLTEST	ADMIN	BASE	SAS	2	2 01.05	24JUN91	DA1MF45I	28SEP95	DA1PM67	21OCT98	DA1SJ278
	C1RPTSMF	SMPLTEST	ADMIN	BASE	SAS	2	2 01.03	24JUN91	DA1MF45I	28SEP95	DA1PM67	21OCT98	DA1SJ278
	C1RPT05	SMPLTEST	ADMIN	BASE	SAS	2	2 01.05	24JUN91	DA1MF45I	12OCT98	DA1PM67V	21OCT98	DA1SJ278
	C1RSSEL1	SMPLTEST	ADMIN	BASE	SAS	2	2 01.02	24JUN91	DA1MF45I	28SEP95	DA1PM67	21OCT98	DA1SJ278

3.13.1 Content

This report provides element information by retrieve CCID. It lets you see quickly what elements have been retrieved, by whom, and when. For each retrieve CCID, it describes those elements for which this is the last-specified CCID stored in the Master Control File.

If you direct Endevor to search the environment map to create CONRPT01, information is organized differently than a search that is confined to a single environment. When Endevor searches the environment map, the sort sequence is organized according to subsystem, type and relative stage number. Each entry shows source, environment, system, subsystem, stage, and type values.

See the *Administration Guide* for more information on CCIDs.

3.13.1.1 Selection Statements

- REPORT 12
- ENVIRONMENT
- SYSTEM
- SUBSYSTEM
- ELEMENT
- TYPE
- STAGE
- SEARCH ENVIRONMENT MAP

3.13.1.2 Sort Sequence

1. Retrieve CCID
2. System
3. Subsystem
4. Type
5. Stage

3.13.1.3 Page Break

By retrieve CCID

3.13.1.4 Totals

None

3.13.2 Field Descriptions

The table below describes the fields that appear on CONRPT12.

Report Field	Description
CCID	Change Control ID for which information is shown to the right.
Element	Name of an element for which this is the last-specified CCID.
Environ	Name of the environment for the element.
System	Name of the system within which the element is defined.
Subsys	Name of the subsystem within which the element is defined.
Type	Name of the element type.
Stage ID	ID of the stage where the element resides.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
VV.LL	Current (most recent) version/level for the element.
Base Date	Base date for the element (<i>ddMMMyy</i>).
Base User ID	Base user ID for the element.
Current Date	Date for the current level of the element (<i>ddMMMyy</i>).
Current User ID	User ID for the current level of the element.
Last Gen Date	Date of last run of generate processor for the element (<i>ddMMMyy</i>).
Last Gen User ID	User ID for last run of generate processor for this element.

Chapter 4. Historical (SMF) Reports

4.1 Overview

The Historical reports, listed below, are described in this chapter:

- CONRPT40: Security Violation Summary
- CONRPT41: Security Violation Profile
- CONRPT42: Element Activity Profile
- CONRPT43: Element Activity Summary

The Historical (SMF) reports summarize security violations and element activity recorded by Endeavor. These reports are available if SMF logging is in use at your site. The logging and reporting of SMF records provides a complete change history for all elements.

4.2 CONRPT40: Security Violation Summary

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 10:47:21	PAGE 123
						RELEASE X.XX	SERIAL XXXXXX
CONRPT40 (SMF):				SECURITY VIOLATION SUMMARY 365 DAYS			
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE	DISPLAY	MOVE	
DEMO	PERSONEL	EMPMAINT	COBOL	PROD	1		
DEMO	PERSONEL	EMPMAINT	JCL	PROD	1		
DEMO	PERSONEL	TAX	JCL	STAGE		7	
-----	-----				-----	-----	
DEMO	PERSONEL				2	7	
DEMO					2	7	
					=====	=====	
					2	7	

4.2.1 Content

For each system requested, this report summarizes the security violations that occurred and provides a total count for each Endevor action that logged a violation.

4.2.1.1 Selection Statements

REPORT 40

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

DAYS

4.2.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage

4.2.1.3 Page Break

By system

4.2.1.4 Totals

By stage within type, system, and environment

4.2.2 Field Descriptions

The table below describes the fields that appear on CONRPT40.

Report Field	Description
Environ	Name of the environment against which the violation(s) occurred.
System	Name of the system against which the violation(s) occurred.
Subsys	Name of the subsystem against which the violation(s) occurred.
Type	Type against which the violation(s) occurred.
Stage	Stage in which the element type resides.
Action	Number of times the action named (DISPLAY, MOVE, and so forth) was requested by an unauthorized user.
	This heading appears once for each type of action requested by an unauthorized user.

4.3 CONRPT41: Security Violation Profile

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 10:47:21 PAGE 123		
						RELEASE X.XX SERIAL XXXXXX		
CONRPT41 (SMF):				SECURITY VIOLATION PROFILE 365 DAYS				
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE	DATE TIME	ACTION	USER ID	ELEMENT
DEMO	PERSONEL	EMPMAINT	COBOL	PROD	16JUN88:16:46	DISPLAY	ZSXLDG1	GNB220
DEMO	PERSONEL	EMPMAINT	JCL	PROD	16JUN88:16:46	DISPLAY	ZSXLDG1	GNBU01
DEMO	PERSONEL	TAX	JCL	STAGE	16JUN88:11:22	MOVE	ZSXSXV1F	BIOCR6L
					16JUN88:11:22	MOVE	ZSXSXV1F	OCR61
					16JUN88:11:22	MOVE	ZSXSXV1F	OCR63
					16JUN88:11:22	MOVE	ZSXSXV1F	OCR64
					16JUN88:11:22	MOVE	ZSXSXV1F	OCR65
					16JUN88:11:22	MOVE	ZSXSXV1F	OCR66
					16JUN88:11:22	MOVE	ZSXSXV1F	OCRP7

4.3.1 Content

For each system requested, this report gives a detailed account of each security violation that occurred. Specifically, this report lists each attempt—by any user—to perform an unauthorized action.

4.3.1.1 Selection Statements

REPORT 41

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

DAYS

4.3.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage

4.3.1.3 Page Break

By system

4.3.1.4 Totals

None

4.3.2 Field Descriptions

The table below describes the fields that appear on CONRPT41.

Report Field	Description
Environ	Name of the environment against which the violation occurred.
System	Name of the system against which the violation occurred.
Subsys	Name of the subsystem against which the violation occurred.
Type	Type against which the violation occurred.
Stage	Stage in which the element type resides.
Date Time	Date and time of the violation (<i>ddMMMyy:hh:mm</i>).
Action	Type of action that was requested (but not authorized for use) by the user identified by the USER ID field.
User ID	User ID associated with the action.
Element	Name of the element for which the action was requested.

4.4 CONRPT42: Element Activity Profile

(C) 1987,2002 Computer Associates International					Endevor		mm/dd/yy		10:47:21	PAGE 123			
							RELEASE X.XX		SERIAL	XXXXXX			
CONRPT42 (SMF):					ELEMENT ACTIVITY PROFILE 365 DAYS								
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE	USER ID	CCID	DATE	TIME	ACTION	ELEMENT	VV.LL	NDVR-RC	PROC RC
DEMO	PERSONEL	ACSBATCH	COPYBOOK	STAGE	ZSXAXD1		13JUN88	19:01	DELETE	ACCTLREC	1.8	0	0
DEMO	PERSONEL	ACSBATCH	COBDYNAM	PROD	ZSXGMD1		16JUN88	12:26	RETRIEVE	AC5020	1.2		
					ZSXGMD1		16JUN88	12:30	RETRIEVE	AC5020	1.2		
					ZSXGMD1		16JUN88	12:30	RETRIEVE	AC5020	1.2		
					ZSXGMD1		16JUN88	12:30	RETRIEVE	AC5020	1.2		
					ZSXGMD1		16JUN88	12:30	RETRIEVE	AC5020	1.2		
					ZSXGMD1		16JUN88	12:30	RETRIEVE	AC5020	1.2		
					ZSXGMD1		16JUN88	15:17	RETRIEVE	AC2200	1.1		
					ZSXGMD1		16JUN88	15:17	RETRIEVE	AC5040	1.2		
					ZSXGMD1		16JUN88	15:17	RETRIEVE	AC5140	1.10		
					ZSXGMD1		16JUN88	15:17	RETRIEVE	AC5420	1.0		
					ZSXGMD1		16JUN88	15:17	RETRIEVE	AC5440	1.0		
DEMO	PERSONEL	ACSBATCH	COBDYNAM	STAGE	ZSXAXD1		16JUN88	09:44	DELETE	AC5210	1.0	8	8
					ZSXAXD1Q		16JUN88	10:05	ADD	AC5210	1.0	12	12
					ZSXAXD1		16JUN88	10:18	DELETE	AC5210	1.1	0	0
					ZSXGMD1A		16JUN88	12:39	UPDATE	AC5020	1.4	8	4
					ZSXGMD1		16JUN88	15:17	RETRIEVE	AC5040	1.3		
DEMO	PERSONEL	ACSBATCH	CTL CARDS	PROD	ZSXGMD1		13JUN88	16:27	RETRIEVE	ACDFCTLB	1.3		
					ZSXGMD1		13JUN88	16:27	RETRIEVE	ACDFCTLP	1.3		
					ZSXGMD1		13JUN88	16:27	RETRIEVE	ACTLDEFF	1.3		
					ZSXGMD1		13JUN88	16:32	RETRIEVE	ACDFDSXP	1.1		
					ZSXGMD1		13JUN88	16:32	RETRIEVE	ACDFNMXP	1.1		
					ZSXGMD1		13JUN88	16:32	RETRIEVE	ACDFWRXP	1.2		
DEMO	PERSONEL	ACSBATCH	JCL	STAGE	ZSXGMD1Z		16JUN88	08:32	UPDATE	AC001024	1.27	0	8
					ZSXGMD1Y		16JUN88	09:06	UPDATE	AC001024	1.28	0	8
DEMO	PERSONEL	ACSBATCH	LNKALIAS	STAGE	ZSXAXD1Q		16JUN88	10:05	PROCESS	AC5210	1.0	12	12
DEMO	PERSONEL	APCCBTCH	COBDYNAM	PROD	SXXMLS1		13JUN88	13:54	RETRIEVE	RP0010	1.1		
DEMO	PERSONEL	AUTOREF	COBDYNAM	PROD	SUXJXT1		16JUN88	14:04	RETRIEVE	ARS100	1.2		
					SUXJBM1		16JUN88	14:47	RETRIEVE	ARS100	1.2		

4.4.1 Content

This report details each action performed against the elements within a particular system, subsystem, element type, and stage. Using this report, for example, you can determine exactly which elements were moved from Stage 1 to Stage 2, or which elements were retrieved.

4.4.1.1 Selection Statements

REPORT 42

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

DAYS

4.4.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage
5. User ID

4.4.1.3 Page Break

By system

4.4.1.4 Totals

None

4.4.2 Field Descriptions

The table below describes the fields that appear on CONRPT42.

Report Field	Description
Environ	Name of the environment for which information is shown to the right.
System	Name of the system for which information is shown to the right.
Subsys	Name of the subsystem for which information is shown to the right.
Type	Name of the element type for which information is shown to the right.
Stage	Name of the stage for which information is shown to the right.
User ID	User ID associated with the action described to the right.
CCID	Change Control ID, if any, associated with the action described to the right.
Date/Time	Date and time the action was performed (<i>ddMMMyy:hh:mm</i>).
Action	Action name.
Element	Name of the element for which the action was requested.
VV.LL	Current version/level of the element, at the time of the action request.
NDVR-RC	Endevor return code for the action.

Report Field	Description
PROC RC	<p>Processor return code for the element, as of this action. This field is blank if the element had not been processed as of the time the action was requested.</p> <p>If the element has been restored (or transferred to Endeavor from an archive data set), but has not been processed subsequently, this is the processor return code stored for the element in the archive data set.</p>

4.5 CONRPT43: Element Activity Summary

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 10:47:21 PAGE 123 RELEASE X.XX SERIAL XXXXXX			
CONRPT43 (SMF): ELEMENT ACTIVITY SUMMARY 365 DAYS				DELETE	RETRIEVE	ADD	UPDATE	GENERATE	MOVE
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE					
DEMO	PERSONEL	OLDECICS	CICSLINK	STAGE	2		3		1
DEMO	PERSONEL	ROUTING	ASMSTAR	STAGE	1				
DEMO	PERSONEL	ROUTING	COPYBOOK	STAGE	22				
DEMO	PERSONEL	ROUTING	COBDYNAM	STAGE	9				
DEMO	PERSONEL	ROUTING	COBSTAR	STAGE	8				
DEMO	PERSONEL	SUBDAILY	COBDYNAM	PROD		3			
DEMO	PERSONEL	SUBDAILY	COBDYNAM	STAGE			1		
DEMO	PERSONEL	SUBDAILY	JCL	PROD		1			
DEMO	PERSONEL	SUBDAILY	JCL	STAGE			1		
DEMO	PERSONEL	TAX	BIGCAPEX	STAGE	1		7		
DEMO	PERSONEL	TAX	COPYBOOK	STAGE	1		10		
DEMO	PERSONEL	TAX	COBDYNAM	STAGE			4		
DEMO	PERSONEL	TAX	CTLCARDS	STAGE			1		
DEMO	PERSONEL	TAX	LNKCARD	STAGE	3		9		
DEMO	PERSONEL	SUBWKLY	COBDYNAM	STAGE			2		
DEMO	PERSONEL	SUBWKLY	CTLCARDS	STAGE			1		
DEMO	PERSONEL	TRAVEL	CICSCOBC	PROD		3			
DEMO	PERSONEL	TRAVEL	COBINCL	STAGE					1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DEMO	PERSONEL				60	42	60	4	1
DEMO					60	42	60	4	1
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
					60	42	60	4	1

4.5.1 Content

This report summarizes the actions performed against the elements within a particular system, subsystem, element type, and stage, and provides totals for each action. Using this report, for example, you can see how many elements were moved or how many elements were retrieved.

4.5.1.1 Selection Statements

REPORT 43

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

DAYS

4.5.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage

4.5.1.3 Page Break

By system

4.5.1.4 Totals

By system and environment

4.5.2 Field Descriptions

The table below describes the fields that appear on CONRPT43.

Report Field	Description
Environ	Name of the environment for which summary information is shown to the right.
System	Name of the system for which information is shown to the right.
Subsys	Name of the subsystem for which information is shown to the right.
Type	Name of the element type for which information is shown to the right.
Stage	Name of the stage for which information is shown to the right.
Action	Number of times the action named (RETRIEVE, MOVE, and so forth) was processed. This heading appears once for each type of action processed.

Chapter 5. Package Reports

5.1 Overview

The Package reports, listed below, are described in detail in this chapter:

- Data Extraction Facility
- Specifying Package Reports
- CONRPT70: Package Summary Report
- CONRPT71: Package Approver Report
- CONRPT72: Package Detail Report

Package reports allow you to review package processing activity in both detail and summary formats. Package reports and Footprint reports are mutually exclusive. If you need both types of reports, you must submit two separate jobs or two separate jobsteps within the same job.

5.2 Data Extraction Facility

Endevor allows you to extract data from a package library without producing package reports. You must submit an EXTRACT request (defined in the following sections), and the data to be extracted must be written to a data set identified in an EXTRACT DD statement. This data set must have a LRECL of at least 1200 and a RECFM of VB. A record layout is provided for the data in this file; the layout is in the form of an assembler macro. This macro has a member name of **C1BRXPAK** in the *iprfx.igual.SOURCE* library.

The data in this extract file is available to you to create custom reports. To extract data only, do not submit a REPORT request. When you request EXTRACT, Endevor does not print an extract summary report.

5.3 Specifying Package Reports

The syntax for specifying Package Library reports is as follows:

EXtract *extract-numbers*.
REport *report numbers*.
ENVironment *environment-name*.
PACkage *package-name*.
APProver *approver-id*.
GRoup *approval-group-id*.
STATus *status-indicator*.
DEStination *destination-ID*.
WINdow after ... *date* ... BEFORE ... *date* ... ;
CREated after ... *date* ... BEFORE ... *date* ... ;
EXEcuted after ... *date* ... BEFORE ... *date* ... ;
CASt after ... *date* ... BEFORE ... *date* ... ;
BAcked out after ... *date* ... BEFORE ... *date* ... ;
SHIpped after ... *date* ... BEFORE ... *date* ... ;

5.3.1 Description of Syntax Options

All statements are optional, and default to ALL.

EXtract *extract-numbers*.

If you want to extract report data but not generate any reports, include an EXTRACT statement and omit the REPORT statement from the specification. Acceptable extract numbers for the extract statement are 70, 71, 72. The record layout of the extract file is defined by an assembler macro, which is the member C1BRXPAK in the *iprfx.igual*.SOURCE library.

REport *report-numbers*.

Acceptable report numbers for the REPORT statement are 70, 71, 72.

PACkage *package-name*.

You may specify one package name and it can be masked.

APProver *approver-id*.

You may specify one approver ID or mask.

GRoup *approval-group-id*.

You may specify one approval group ID or mask.

STATus *status-indicator*.

You may specify one or more of the following status indicators:

- **AB**orted
- **APPROVED**
- **BACKEDOUT**
- **CO**mmitted
- **DE**nied
- **EXECUTED**
- **IN-APPROVAL**

▪ **IN-EDIT**

DESTination *destination-id.*

You may specify a destination ID or mask.

WINDOW *after ... date ... BEFORE ... date*

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

CREated *after ... date ... BEFORE ... date*

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

EXEcuted *after ... date ... BEFORE ... date*

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

BACKed out *after ... date ... BEFORE ... date*

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format. To use this option, the status indicator BACKEDOUT (BA) must be coded.

SHIpped *after ... date ... BEFORE ... date*

You may specify dates to limit selection criteria for reports 74, 75, 76. Dates may be in either mm/dd/yy or ddmmyy format.

5.3.2 Selection Dates and the Status Statement

Only certain selection dates apply to each package status. The following table lists these correspondences.

Status	Applicable Selection Dates
Aborted	CREATED; WINDOW; CAST; EXECUTED; BACKED OUT
Approved	CREATED; WINDOW; BACKED OUT
Committed	CREATED; WINDOW; CAST; EXECUTED; BACKED OUT
Denied	CREATED; WINDOW; CAST
Executed	CREATED; WINDOW; CAST; EXECUTED; BACKED OUT
In-approval	CREATED; WINDOW; CAST
In-edit	CREATED

5.4 CONRPT70: Package Summary Report

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:04:30 PAGE 3			
				CONRPT70: PACKAGE SUMMARY				RELEASE X.XX SERIAL XXXXXX			
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CST DATE	CST USER	APP/DEN DATE	EXECUTE DATE	WINDOW START DATE TIME	WINDOW END DATE TIME
3 6 11	IN-EDIT	ST								02AUG96 00:00	31DEC02 00:00
AATIME	IN-EDIT	ST	ENABLED							31JUL97 00:00	31DEC02 00:00
BC	IN-EDIT	ST	ENABLED	02MAY99	CA1LS87					13FEB96 00:00	31DEC02 00:00
ETNA	IN-APPROVAL	ST	ENABLED			11NOV97	CA1KR42			11NOV97 00:00	31DEC02 00:00
LIAS	COMMITTED	ST	ENABLED	27MAR01	CA1PL90	27MAR01	CA1PL90	27MAR01	27MAR01	27MAR01 00:00	31DEC02 00:00
LTDELSHIP	EXECUTED	ST	ENABLED	12OCT01	DA1SJ27	12OCT01	DA1SJ27	12OCT01	12OCT01	12OCT01 00:00	31DEC02 00:00
MSOUTH	APPROVED	ST	ENABLED			24FEB01	CA1TG52	24FEB01		24FEB01 00:00	31DEC02 00:00
NEWONE	APPROVED	ST	ENABLED			17DEC98	CA1KR42	17DEC98		17DEC98 00:00	31DEC02 00:00
NEWTEST	IN-EDIT	ST	ENABLED							22NOV98 00:00	31DEC02 00:00
PGMTEST	APPROVED	ST	ENABLED	23JUN01	DA1PM67	23JUN01	DA1PM67	23JUN01		23JUN01 00:00	31DEC02 00:00
PPROVERGLUT	EXEC FAILED	ST	ENABLED			25NOV96	DA1ME10	25NOV96	30JAN97	25NOV96 00:00	31DEC02 00:00
PPROVTEST	IN-APPROVAL	ST	ENABLED			08JUL98	CA1PL90	09JUL98		06JUL98 00:00	31DEC02 00:00
PRTEST1	APPROVED	ST	ENABLED	22NOV96	DA1ME10	22NOV96	DA1ME10	04AUG97		21NOV96 00:00	31DEC02 00:00
PPTEST	IN-APPROVAL	ST	ENABLED			13NOV96	DA1SJ27			13NOV96 00:00	31DEC02 00:00
PPTEST1	IN-EDIT	ST	ENABLED							13NOV96 00:00	31DEC02 00:00
PRVTEST	IN-APPROVAL	ST	ENABLED			07MAY97	CA1JH67			07MAY97 00:00	31DEC02 00:00
RCHIEPKG	IN-APPROVAL	ST	ENABLED			19JAN99	CA1KR42			19JAN99 00:00	31DEC02 00:00
RCHIVE	IN-EDIT	ST	ENABLED	06JUN01	NA1DQ53					15APR99 00:00	31DEC02 00:00
S F	IN-EDIT	ST	ENABLED							17SEP96 00:00	31DEC02 00:00
STERISK	IN-EDIT	ST	ENABLED							28MAY98 00:00	31DEC02 00:00
ACKOUTTST	IN-APPROVAL	ST	ENABLED			22MAR98	CA1JH67			22MAR98 00:00	31DEC02 00:00
ACKOUTTST4	EXECUTED	ST	EXIST			22MAR98	CA1JH67	22MAR98	22MAR98	22MAR98 00:00	31DEC02 00:00
ADGENER	APPROVED	ST	ENABLED			12JUL96	DA1ME10	04AUG97		12JUL96 00:00	31DEC02 00:00
ADMCK	IN-APPROVAL	ST	ENABLED			11JUN97	CA1MM05			11JUN97 00:00	31DEC02 00:00
ADSC	IN-EDIT	ST	ENABLED							08FEB01 00:00	31DEC02 00:00
APTEST	IN-APPROVAL	ST	ENABLED			23AUG01	DA1BP12			23AUG01 00:00	31DEC02 00:00
AP100	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
AP101	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
AP102	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
AP103	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
AP104	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
AP108	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
AP109	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
AP110	IN-EDIT	ST	ENABLED							18AUG01 00:00	31DEC02 00:00
ATCH	IN-EDIT	ST	ENABLED							23JUN96 16:00	24JUN96 17:00
ATCHPKG	IN-EDIT	ST	ENABLED							23JUN98 00:00	31DEC02 00:00
CTEST2	IN-EDIT	ST	ENABLED							16JUL97 00:00	31DEC02 00:00
CTEST3	IN-EDIT	ST	ENABLED	16JUL97	CA1PL90					16JUL97 00:00	31DEC02 00:00
DTEST	EXECUTED	ST	EXIST	18OCT01	CA1PL90	18OCT01	CA1PL90	18OCT01	18OCT01	18OCT01 00:00	31DEC02 00:00
ECKY	IN-EDIT	ST	ENABLED							02MAR99 00:00	31DEC02 00:00
ELLSHIP	COMMITTED	ST	ENABLED			28FEB01	CA1PL90	28FEB01	28FEB01	28FEB01 00:00	31DEC02 00:00

5.4.1 Package Summary Report Content

The Package Summary report provides a one line summary of all packages defined within the inventory area(s) specified in the input parameters.

5.4.1.1 Selection Statements

See 5.3, "Specifying Package Reports" on page 5-4 for more information.

5.4.1.2 Sort Sequence

Package (member) name

5.4.1.3 Page Break

None

5.4.1.4 Total

None

5.4.2 Field Descriptions

The table below describes the fields that appear on CONRPT70.

Report Field	Description
Package name	Name of the package as defined during package processing.
Status	<p>Current status of the package. Status can be one of the following:</p> <ul style="list-style-type: none"> ▪ ABORTED — The package failed to execute. ▪ APPROVED — The package is approved by all approvers. ▪ COMMITTED — The package is committed. ▪ DENIED — The package is denied approval. ▪ EXECUTED — The package executed successfully. ▪ IN-APPROVAL — The package is not approved or denied. ▪ IN-EDIT — The package is created, but not cast. ▪ *INVALID* — The package is considered invalid (there were discrepancies within the package when it was reviewed prior to execution). This problem is commonly caused by manually editing the package before submitting it for execution. The actual reason for the invalid status is shown in an error message at the top of the BSTRPTS output data set.
Type	<p>Package type, values are:</p> <ul style="list-style-type: none"> ▪ ST — Standard. ▪ EM — Emergency. The quorum size (minimum number of approvers required in order for the package to be executed) also appears in this field.
Backout	<p>Valid entries are:</p> <ul style="list-style-type: none"> ▪ blank — Backout is not enabled for this package. ▪ ENABLED — Backout is enabled. The package (when executed) did not do anything that required backout members to be created. ▪ EXIST — Backout is enabled. The package has never been backed out; or, if it was, it has been backed in. ▪ BACKED-OUT — Backout is enabled and the package is in backed-out status.
Last Updated	Date of last package update (<i>ddmmmyy</i>).

5.4 CONRPT70: Package Summary Report

Report Field	Description
Update User ID	ID of user responsible for last package update.
Cast Date	Date when package was cast (<i>ddmmmyy</i>).
Cast User	ID of user who cast the package.
App/Den Date	Date when package was approved (APP) or denied (DEN).
Execute Date	Date when the package was executed.
Window_Start Date Time	Earliest date and time at which the package may be executed.
Window_End Date Time	Latest date and time at which the package may be executed.

5.5 CONRPT71: Package Approver Report

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:04:33 PAGE 386			
								RELEASE X.XX SERIAL XXXXXX			
CONRPT71: PACKAGE APPROVER REPORT											
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW START DATE TIME	WINDOW END DATE TIME
CONLAST	EXECUTED	ST	ENABLED	10DEC96	DA1CC47	11DEC96	DA1CC47	11DEC96	11DEC96	10DEC96 02:00	25JAN97 04:00

A P P R O V E R S E C T I O N											

GROUP NAME	QUORUM	STATUS	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION
CMCGROUP	001	APPROV	DA1CC47		APPROV	DA2CC47			MA1LG12		DA1J033
			DA2J033			DA1SSSS			HG1234		FF1234
			FG2345			DD1234			XX4567		YY1234
			CC12345			CC34456			CC6789		CC45678

5.5.1 Package Approver Report Content

The Package Approver report prints information about the approval status for each package within a specific Package library. There are two entries for each package:

- Summary information for the package
- Approver information for the package

5.5.1.1 Selection Statements

See 5.3, “Specifying Package Reports” on page 5-4 for more information.

5.5.1.2 Sort Sequence

Package (member) name

5.5.1.3 Page Break

At package

5.5.1.4 Total

None

5.5.2 Field Descriptions

The table below describes the fields that appear on CONRPT71.

Report Field	Description
Package name	Name of the package as defined during package processing.

Report Field	Description
Status	<p>Current status of the package. Status can be one of the following:</p> <ul style="list-style-type: none"> ▪ ABORTED — The package failed to execute. ▪ APPROVED — The package is approved by all approvers. ▪ COMMITTED — The package is committed. ▪ DENIED — The package is denied approval. ▪ EXECUTED — The package executed successfully. ▪ IN-APPROVAL — The package is not approved or denied. ▪ IN-EDIT — The package is created, but not cast. ▪ *INVALID* — The package is considered invalid (there were discrepancies within the package when it was reviewed prior to execution). This problem is commonly caused by manually editing the package before submitting it for execution. The actual reason for the invalid status is shown in an error message at the top of the BSTRPTS output data set.
Type	<p>Package type, values are:</p> <ul style="list-style-type: none"> ▪ ST — Standard ▪ EM — Emergency
Backout	<p>Valid entries are:</p> <ul style="list-style-type: none"> ▪ blank — Backout is not enabled for this package. ▪ ENABLED — Backout is enabled. The package (when executed) did not do anything that required backout members to be created. ▪ EXIST — Backout is enabled. The package has never been backed out; or, if it was, it has been backed in. ▪ BACKED-OUT — Backout is enabled and the package is in backed-out status.
Last Updated	Date of last package update (<i>ddmmmyy</i>).
Update User ID	ID of user responsible for last package update.
Cast Date	Date when package was cast (<i>ddmmmyy</i>).
Cast User	ID of user who cast the package.
App/Den Date	Date when package was approved (APP) or denied (DEN).
Execute Date	Date when the package was executed.
Window_Start Date Time	Earliest date and time at which the package may be executed.
Window_End Date Time	Latest date and time at which the package may be executed.

Approver Section	Description
Group Name	Name of the group.
Quorum	Number of approvals required to approve this package.
Status	Current status of the approver group. Status can be: <ul style="list-style-type: none">▪ PENDING — The package is not approved.▪ APPROVED — The package is approved by all approvers.▪ DENIED — The package is denied approval.
Approver/Req'd/Action	These three related fields occur four times in the approver section of this report. The APPROVER field contains the ID of one of the package approvers. The value REQ in the REQ'D field indicates that the approver is required to sign off on the package. The action taken by that approver appears in the ACTION field next to the approver's ID.

5.6 CONRPT72: Package Detail Report

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:05:36				PAGE 10	
								RELEASE X.XX				SERIAL XXXXXX	
CONRPT72: PACKAGE DETAIL REPORT													
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE TIME	WINDOW_END DATE TIME		
MSEAPPR0003	IN-APPROVAL	ST	ENABLED			12JUL98	DAIME10			12JUL98 00:00	31DEC02 00:00		

U S E R N O T E S S E C T I O N													

THIS PACKAGE HAS BEEN DEFINED WITH A NOTE													
AND CAST WITH A SECOND NOTE													

5.6.1 Package Detail Report Content

The Package Detail report prints detail information for each package within a specific package library. There are six entries for each package:

- Summary information
- User Notes section
- Approver section
- SCL section
- Action summary
- Cast section

5.6.1.1 Selection Statements

See 5.3, “Specifying Package Reports” on page 5-4 for more information.

5.6.1.2 Sort Sequence

Package (member) name

5.6.1.3 Page Break

By section for each package

5.6.1.4 Total

None

5.6.2 Field Descriptions

The table below describes the summary information that appears on CONRPT72.

Report Field	Description
Package name	Name of the package.
Status	<p>Current status of the package. Status can be one of the following:</p> <ul style="list-style-type: none"> ▪ ABORTED — The package failed to execute. ▪ APPROVED — The package is approved by all approvers. ▪ COMMITTED — The package is committed. ▪ DENIED — The package is denied approval. ▪ EXECUTED — The package executed successfully. ▪ IN-APPROVAL — The package is not approved or denied. ▪ IN-EDIT — The package is created, but not cast. ▪ *INVALID* — The package is considered invalid (there were discrepancies within the package when it was reviewed prior to execution). This problem is commonly caused by manually editing the package before submitting it for execution. The actual reason for the invalid status is shown in an error message at the top of the BSTRPTS output data set.
Type	<p>Package type, values are:</p> <ul style="list-style-type: none"> ▪ ST — Standard ▪ EM — Emergency
Backout	<p>Valid entries are:</p> <ul style="list-style-type: none"> ▪ blank — Backout is not enabled for this package. ▪ ENABLED — Backout is enabled. The package (when executed) did not do anything that required backout members to be created. ▪ EXIST — Backout is enabled. The package has never been backed out; or, if it was, it has been backed in. ▪ BACKED-OUT — Backout is enabled and the package is in backed-out status.
Last Updated	Date of last package update (<i>ddmmmyy</i>).
Update User ID	ID of user responsible for last package update.
Cast Date	Date when package was cast (<i>ddmmmyy</i>).
Cast User	ID of user who cast the package.
App/Den Date	Date when package was approved (APP) or denied (DEN).
Execute Date	Date when the package was executed.
Window_Start Date Time	Earliest date and time at which the package may be executed.
Window_End Date Time	Latest date and time at which the package may be executed.

5.6.3 User Notes Section of CONRPT72

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:05:36 PAGE 10			
								RELEASE X.XX SERIAL XXXXXX			
CONRPT72: PACKAGE DETAIL REPORT											
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE TIME	WINDOW_END DATE TIME
MSEAPPR0003	IN-APPROVAL	ST	ENABLED			12JUL98	DA1ME10			12JUL98 00:00	31DEC02 00:00

USER NOTES SECTION											

THIS PACKAGE HAS BEEN DEFINED WITH A NOTE AND CAST WITH A SECOND NOTE											

5.6.3.1 User Notes Section Content

The User Notes section displays text that is associated with a package. You can enter notes on any of the following panels: Create/Modify Package, Cast Package, Review Package, Approve Package, or Deny Package.

There is one report line for each user-provided note line. If the package does not contain any remark text, the following message is printed:

THERE ARE NO USER NOTES ASSOCIATED WITH THE PACKAGE

5.6.4 Approver Section of CONRPT72

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:05:36 PAGE 11			
								RELEASE X.XX SERIAL XXXXXX			
CONRPT72: PACKAGE DETAIL REPORT											
PACKAGE				LAST	UPDATE	CAST	CAST	APP/DEN	EXECUTE	WINDOW_START	WINDOW_END
NAME	STATUS	TYPE	BACKOUT	UPDATED	USER ID	DATE	USER	DATE	DATE	DATE TIME	DATE TIME
MSEAPPR0003	IN-APPROVAL	ST	ENABLED			12JUL98	DA1ME10			12JUL98 00:00	31DEC02 00:00

APPROVER SECTION											

GROUP NAME	QUORUM	STATUS	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION
AGRP0003	001		DA1ME10	REQ							

5.6.4.1 Approver Section Content

The Approver section of CONRPT72 provides information on the approver group that is associated with a package. The fields that appear on the Approver section are described below.

Report Field	Description
Group Name	Name of the group.
Quorum	Number of approvals required to approve this package.

Report Field	Description
Status	Current status of the approver group. Status can be: <ul style="list-style-type: none"> ■ PENDING — The package is not approved. ■ APPROVED — The package is approved by all approvers. ■ DENIED — The package is denied approval.
Approver/Req'd/Action	These three related fields occur four times in the approver section of this report. The APPROVER field contains the ID of one of the package approvers. The value req in the REQ'D field indicates that the approver is required to sign off on the package. The action taken by that approver appears in the ACTION field next to the approver's ID.

5.6.5 SCL Section of CONRPT72

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 17:05:36		PAGE 12				
						RELEASE X.XX		SERIAL XXXXXX				
CONRPT72: PACKAGE DETAIL REPORT												
PACKAGE				LAST	UPDATE	CAST	CAST	APP/DEN	EXECUTE	WINDOW_START	WINDOW_END	
NAME	STATUS	TYPE	BACKOUT	UPDATED	USER ID	DATE	USER	DATE	DATE	TIME	DATE	TIME
MSEAPPR0003	IN-APPROVAL	ST	ENABLED			12JUL98	DAIME10			12JUL98 00:00	31DEC02 00:00	

S C L S E C T I O N												

1	ADD	ELEMENT 'MSE0001'										
		FROM DSNAME 'DAIME10.L'										
		TO ENVIRONMENT 'IMRENV1' SYSTEM 'PREQA1ME' SUBSYSTEM 'APPR0003'										
		TYPE 'ASMIMAC'										
		OPTIONS CCID 'MSE0001' COMMENTS 'TEST PROGRAM'										
		UPDATE OVERRIDE SIGNOUT										
		.										

5.6.5.1 SCL Section Content

The SCL section of this report lists the package SCL statements, as coded by the user.

5.6.6 Action Summary of CONRPT72

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 17:05:36		PAGE 13		
						RELEASE X.XX		SERIAL XXXXXX		
CONRPT72: PACKAGE DETAIL REPORT										
PACKAGE NAME	STATUS	TYPE BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE TIME	WINDOW_END DATE TIME
MSEAPPR0003	IN-APPROVAL	ST ENABLED			12JUL98	DAIME10			12JUL98 00:00	31DEC02 00:00

A C T I O N S U M M A R Y										

1 ADD	DAIME10.L				MSE0001					
	IMRENV1	PREQA1ME	APPR0003	MSE0001	ASMIMAC	MVSTEST1				
	CCID: MSE0001		COMMENT: TEST PROGRAM							

5.6.6.1 Action Summary Content

The Action Summary section of this report contains source and target information for all actions in the package. The source statements contain the number of the action, the name of the action, and information about the action, including CCID and comments. Target statements are optional and contain action information only.

There are two basic formats for the action information:

- External data set format: This includes the external data set name and, in some instances, the data set member return code and/or a comment.
- Endeavor format: This includes environment and one or more of the following: system, subsystem, type, element, level, stage, return code, and comment.

5.6.7 Cast Summary of CONRPT72

The cast summary section of this report contains the results of the parse of the CAST statement SCL, and the messages produced by the execution of the CAST statement. The Cast Section contains the original Cast report, so the header information such as date and time, may be different from the date and time for CONRPT72.

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:05:36				PAGE 14	
								RELEASE X.XX				SERIAL XXXXXX	
CONRPT72: PACKAGE DETAIL REPORT													
PACKAGE	STATUS	TYPE	BACKOUT	LAST	UPDATE	CAST	CAST	APP/DEN	EXECUTE	WINDOW	START	WINDOW	END
NAME				UPDATED	USER ID	DATE	USER	DATE	DATE	DATE	TIME	DATE	TIME
MSEAPPR0003	IN-APPROVAL	ST	ENABLED			12JUL98	DA1ME10			12JUL98	00:00	31DEC02	00:00

CAST SECTION													

COPYRIGHT (C) COMPUTER ASSOCIATES INTERNATIONAL, INC., 1987, 2002										ddmmyy		10:43:28PAGE 1	
E N D E V O R / M V S P A C K A G E C A S T R E P O R T										RELEASE X.XX		SERIAL XXXXXX	
S C L S T A T E M E N T S Y N T A X P A R S E													
10:43:28 C1Y0015I STARTING PARSE OF REQUEST CARDS													
STATEMENT #1													
ADD ELEMENT 'MSE0001'													
FROM DSNAME 'DA1ME10.L'													
TO ENVIRONMENT 'IMRENV1' SYSTEM 'PREQAIME' SUBSYSTEM 'APPR0003'													
TYPE 'ASMIMAC'													
OPTIONS CCID 'MSE0001' COMMENTS 'TEST PROGRAM'													
UPDATE OVERRIDE SIGNOUT													
.													
STATEMENT #2													
EOF STATEMENT GENERATED													
10:43:28 C1Y0016I REQUEST CARDS SUCCESSFULLY PARSED													
COPYRIGHT (C) COMPUTER ASSOCIATES INTERNATIONAL, INC., 1987, 1991, 1993, 2002										ddmmyy		10:43:28PAGE 2	
E N D E V O R / M V S P A C K A G E C A S T R E P O R T										RELEASE X.XX		SERIAL XXXXXX	
P A C K A G E A P P R O V E R S / A C T I O N S													
10:43:28 PKMR400I BEGINNING ACTION VALIDATION AND SEARCH FOR APPLICABLE APPROVER GROUPS													
10:43:29 PKMR401I ACTION VALIDATION COMPLETED WITHOUT ERRORS													
10:43:29 PKMR402I 1 APPROVER GROUP(S) FOUND APPLICABLE FOR PACKAGE													
10:43:29 PKMR791I COMPONENT VALIDATION STARTED													
10:43:29 PKMR792I PACKAGE DOES NOT CONTAIN SCL STMTS REQUIRING COMPONENT VALIDATION													
10:43:29 PKMR799I COMPONENT VALIDATION COMPLETED WITHOUT ERRORS													

Chapter 6. Footprint Reports

6.1 Overview

The Footprint reports, listed below, are described in detail in this chapter:

- Generating Footprint Reports
- CONRPT80: Library Member Footprint Report
- CONRPT81: Library CSECT Listing
- CONRPT82: Library ZAPped CSECT Profile
- CONRPT83: Footprint Exception Report
- Report JCL

Footprint reports list the footprint information placed in source and load modules by Endeavor. They also provide a listing of those CSECTs that have been ZAPped, and document those members for which footprint and Endeavor Master Control File information is out of sync. Footprint reports and package reports are mutually exclusive. If you need both types of reports, you must submit two separate jobs or two separate jobsteps in the same job.

6.2 Generating Footprint Reports

The generation of Footprint reports is a two-phase process:

1. The first phase extracts information for the requested members from a partitioned data set, AllFusion CA-Panvalet library, or AllFusion CA-Librarian library, as appropriate to the report request (and defined by the BSTPDS DD statement).
 - **For non-load libraries**, the extracted information for each member is extracted separately and placed in a single record of the extract file.
 - **For load libraries**, the extracted information is written separately by CSECT to the extract file. For load libraries, this extracted information includes the footprint and, if requested, ZAP, compiler, and link-edit information.
2. The second phase reads the sequential extract file and produces the reports requested.

To request the footprint reports, execute the BC1JRPTS job (see Appendix A, “Report JCL”), after supplying appropriate selection statements for each of the two phases of processing. Use the BSTIPT DD statement to specify footprint selection criteria, and the BSTINP DD statement to specify the reports you want to produce.

To extract footprint data about specified data sets, run job BC1JFEXT to execute program BC1PFOOT. You can use BSTPFOOT by itself to extract footprint data before editing and submitting job BC1JRPTS. For more information about BC1JFEXT, see “Remote Footprint Synchronization” in the *Footprints Guide*. After running BC1JFEXT, you reference the footprint extract data set it creates in your report JCL syntax as shown below.

```
//BSTINP DD *
          FOOTPRINT DDNAME footfile.
//FOOTFILE DD DSN=FOOTPRINT.FILE.DSN, DISP=SHR
```

Note: When running BSTPFOOT separately, no BSTIPT footprint selection criteria is needed when running the subsequent footprint reports. Only the FOOTPRINT DDNAME statement within the BSTINP input is required.

The BSTIPT parameters are unique to footprint reporting, and are described next.

6.2.1 Data Extract Phase Selection Criteria

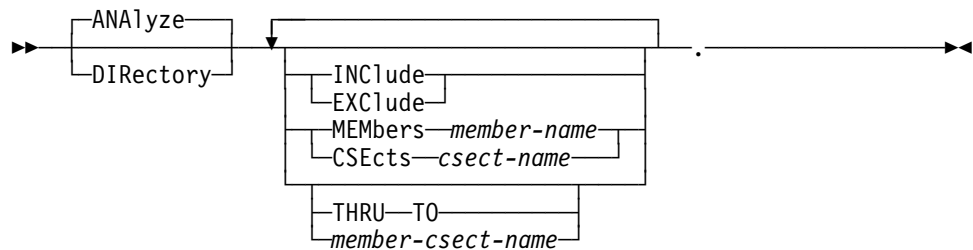
By specifying selection criteria using the BSTIPT DD statement, you can limit the amount of data included in the footprint reports.

Using selection criteria, you define the member(s) and CSECT(s) for which information should be extracted, as well as the extent of detail you want to extract for each load member. Only the information requested is available for reporting.

Apply any selection criteria specified apply across all footprint reports (80-83). For example, if you specify INCLUDE MEMBERS AR*, only the information for members beginning with AR is provided — in all requested footprint reports.

The syntax is freeform when coding the BSTIPT DD input. It can be specified across any number of cards, as long as each keyword or name is fully contained on one card.

6.2.1.1 Data Extract Syntax



6.2.1.2 Data Extract Parameters

ANALyze/DIRectory

Specifies the level of detail to extract.

ANALyze

Analyze is the default and extracts:

- For each non-load member:
 - The member name
 - Footprint information
 - The date and time the generate processor was run last
 - The Endeavor environment
- For each load member:
 - Member name
 - For each CSECT:
 - CSECT name
 - Date the load module was last link-edited
 - Date the CSECT was last compiled
 - Record of any PTFs applied to the CSECT
 - Footprint information

DIRectory

This option extracts:

- For each non-load member:
 - Member name
 - Footprint information
 - Date and time the generate processor was run last

- The Endeavor environment
- For each load member:
 - Member name

INClude/EXClude

These parameters are used to restrict the extract to specific members and/or CSECTs. By default, all members and CSECTs in the processed library are extracted.

You can have any number of INCLUDE and/or EXCLUDE statements. The order of processing:

1. INCLUDES
2. EXCLUDES
 - a. Members
 - b. CSECTs

This limits the extract to those members/CSECTs specifically included, and excludes (from the included members/CSECTs) those names referenced by the EXCLUDE statements.

INClude

Extracts information for only the member(s) or CSECT(s) identified by the MEMBERS/CSECTS parameter.

EXClude

Excludes those member(s)/CSECT(s) referenced by the MEMBERS/CSECTS parameter from the extract processing.

MEMbers *member-name*

or

CSEcts *csect-name*

Identifies those MEMBERS or CSECTS to which the INCLUDE/EXCLUDE applies.

If your INCLUDE/EXCLUDE statements reference both members and CSECTS, MEMBERS statements are processed first, then CSECT statements.

The *member-name* or *csect-name* fields can specify:

- A full name for processing a specific member/CSECT
- A name mask to process all members/CSECTS whose names begin with the partial name specified

For example, you might specify "INCLUDE MEMBER BA*" to include all members whose names begin with the characters BA (including an exact match on that name if one exists).

If you also supply a THRU or TO name, Endeavor processes all members/CSECTS starting with the characters specified here through or to the THRU/TO name.

Using the example above, if you specify "INCLUDE MEMBER BA* THRU C", Endeavor would process all names beginning with BA through the member/CSECT named C (exact match). If the THRU MEMBER were C*, the range would extend through all members having names beginning with C.

Similarly, if you specify "INCLUDE MEMBER BA* TO C", Endeavor would process all names beginning with BA to, but not including, the name C.

MEMbers *member-name*

Identifies those MEMBERS to which the INCLUDE/EXCLUDE applies.

CSEcts *csect-name*

Identifies those MEMBERS or CSECTS to which the INCLUDE/EXCLUDE applies. The CSECTS option is only applicable for load members.

THRU/TO *member-csect-name*

Specifies a range of members or CSECT for processing.

THRU *member-csect-name*

Specifies the last member or CSECT in the range of names for processing. If you include a mask character (*) at the end of the THRU *member/csect-name*, the range includes all names beginning with the characters specified.

TO *member/csect-name*

Identifies the member or CSECT name to which processing should go, excluding the name itself. A name mask is inappropriate (and is ignored) if used with a TO *member-csect-name*.

Each time you run footprint reports, Endeavor returns a report similar to that shown below, listing the selection criteria used and the number of extract records written:

COPYRIGHT (C) COMPUTER ASSOCIATES INTERNATIONAL, INC., 1987-2002		Endeavor	mm/dd/yy 10:26:43 PAGE 1
			RELEASE X.XX SERIAL XXXXXX
09:38:50	C1B0113I	PARAMETERS SPECIFIED AS INPUT TO PROGRAM BC1PF00T	
	EXC CSECT ILBOC.		
09:38:51	C1B0112I	RECORDS WRITTEN TO OUTPUT FILE: 00000043	
09:38:51	C1B0111I	END OF JOB	

6.2.2 Syntax Examples

Example 1: To extract DIRECTORY-level data for all members/CSECTs in the library:

DIRECTORY.

Example 2: To extract full (ANALYSIS-level) detail for all members whose names begin with the characters C1:


```
ANALYZE INCLUDE MEMBERS C1*.
or
ANALYZE INCLUDE MEMBERS C1* TO D.
or
INCLUDE MEMBERS C1*.
or
INCLUDE MEMBERS C1* TO D.
```

Example 3: To extract full detail for members A11B6300, A11B6301, and A11B6302:

```
INCLUDE MEM A11B6300
INCLUDE MEM A11B6301
INCLUDE MEM A11B6302.
```

Example 4: To exclude any CSECTS whose names start with ILB:

```
EXCLUDE CSECTS ILB*.
```

Example 5: To request only those members whose names start with A200, while excluding from those selected members all CSECTs whose names start with ILB or \$2:

```
INCLUDE MEMBERS A200*
EXCLUDE CSECTS ILB*
EXCLUDE CSECTS $2*.
```

The rest of this chapter details each of the footprint reports. Remember that where CSECT detail is included in the reports, that detail is available only if you specify ANALYZE to the Data Extract phase.

6.3 CONRPT80: Library Member Footprint Report

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Endevor

mm/dd/yy 17:10:36 PAGE 4

RELEASE X.XX SERIAL XXXXXX

CONRPT80: LIBRARY MEMBER FOOTPRINT REPORT

LIBRARY: ENDEVOR.C19417.CONLIB

VOLUME: TSU088

MEMBER	CSECT	ENVIRON	SYSTEM	SUBSYS	ELEMENT	TYPE	STG	VV.LL	DATE	TIME	LD
	CSPCM10+	SMPLTEST	ADMIN	PROCESS	BCSPCM10	CPGM	2	01.02	12MAR98	08:45	
	CSPCM10\$	SMPLTEST	ADMIN	PROCESS	BCSPCM10	CPGM	2	01.02	12MAR98	08:45	
	CSPCM10?	SMPLTEST	ADMIN	PROCESS	BCSPCM10	CPGM	2	01.02	12MAR98	08:45	
	CSPCM10:	SMPLTEST	ADMIN	PROCESS	BCSPCM10	CPGM	2	01.02	12MAR98	08:45	
	CSPCM10@	SMPLTEST	ADMIN	PROCESS	BCSPCM10	CPGM	2	01.02	12MAR98	08:45	
	CSPCM10=										* NO FOOTPRINT
	CSPCM20+	SMPLTEST	ADMIN	PROCESS	BCSPCM20	CPGM	2	01.01	12MAR98	08:45	
	CSPCM20\$	SMPLTEST	ADMIN	PROCESS	BCSPCM20	CPGM	2	01.01	12MAR98	08:45	
	CSPCM20:	SMPLTEST	ADMIN	PROCESS	BCSPCM20	CPGM	2	01.01	12MAR98	08:45	
	CSPCM20@	SMPLTEST	ADMIN	PROCESS	BCSPCM20	CPGM	2	01.01	12MAR98	08:45	
	CSPCM30+	SMPLTEST	ADMIN	PROCESS	BCSPCM30	CPGM	2	01.01	12MAR98	08:46	
	CSPCM30\$	SMPLTEST	ADMIN	PROCESS	BCSPCM30	CPGM	2	01.01	12MAR98	08:46	
	CSPCM30?	SMPLTEST	ADMIN	PROCESS	BCSPCM30	CPGM	2	01.01	12MAR98	08:46	
	CSPCM30:	SMPLTEST	ADMIN	PROCESS	BCSPCM30	CPGM	2	01.01	12MAR98	08:46	
	CSPCM30@	SMPLTEST	ADMIN	PROCESS	BCSPCM30	CPGM	2	01.01	12MAR98	08:46	
	CSPCM30=										* NO FOOTPRINT
	CSPCM40+	SMPLTEST	ADMIN	PROCESS	BCSPCM40	CPGM	2	01.01	12MAR98	08:46	
	CSPCM40\$	SMPLTEST	ADMIN	PROCESS	BCSPCM40	CPGM	2	01.01	12MAR98	08:46	
	CSPCM40?	SMPLTEST	ADMIN	PROCESS	BCSPCM40	CPGM	2	01.01	12MAR98	08:46	
	CSPCM40:	SMPLTEST	ADMIN	PROCESS	BCSPCM40	CPGM	2	01.01	12MAR98	08:46	
	CSPCM40@	SMPLTEST	ADMIN	PROCESS	BCSPCM40	CPGM	2	01.01	12MAR98	08:46	
	CSPCM40=										* NO FOOTPRINT
	CSPCM50+	SMPLTEST	ADMIN	PROCESS	BCSPCM50	CPGM	2	01.01	12MAR98	08:46	
	CSPCM50\$	SMPLTEST	ADMIN	PROCESS	BCSPCM50	CPGM	2	01.01	12MAR98	08:46	
	CSPCM50?	SMPLTEST	ADMIN	PROCESS	BCSPCM50	CPGM	2	01.01	12MAR98	08:46	
	CSPCM50:	SMPLTEST	ADMIN	PROCESS	BCSPCM50	CPGM	2	01.01	12MAR98	08:46	
	CSPCM50@	SMPLTEST	ADMIN	PROCESS	BCSPCM50	CPGM	2	01.01	12MAR98	08:46	
	CSPCM50=										* NO FOOTPRINT
	CSPCOMP+	SMPLTEST	ADMIN	PROCESS	BCSPCOMP	CPGM	2	01.01	12MAR98	08:47	
	CSPCOMP\$	SMPLTEST	ADMIN	PROCESS	BCSPCOMP	CPGM	2	01.01	12MAR98	08:47	
	CSPCOMP?	SMPLTEST	ADMIN	PROCESS	BCSPCOMP	CPGM	2	01.01	12MAR98	08:47	
	CSPCOMP:	SMPLTEST	ADMIN	PROCESS	BCSPCOMP	CPGM	2	01.01	12MAR98	08:47	
	CSPCOMP@	SMPLTEST	ADMIN	PROCESS	BCSPCOMP	CPGM	2	01.01	12MAR98	08:47	
	CSPCOMP=										* NO FOOTPRINT

6.3.1 Content

CONRPT80 lists the footprint information stored in the members of a load or non-load library. For a load library, the footprint information is at the CSECT level. For a non-load library, it is at the member level.

6.3.1.1 Selection Statements

REPORT 80

6.3.1.2 Sort Sequence

1. Member name
2. CSECT

6.3.1.3 Page Break

None

6.3.1.4 Totals

None

6.3.2 Field Descriptions

The table below describes the fields that appear on CONRPT80.

Report Field	Description
Library and Volume	Data set name for the library being processed, and the volume number of the disk pack on which the library resides.
Member	Name of the (load or non-load) library member for which footprint information is shown to the right.
CSECT	Applicable for load members only. Name of the CSECT for which footprint information is shown to the right. If no footprint information displays to the right, the CSECT has not been footprinted.
Environ	Name of the environment under which the corresponding element is defined.
System	Name of the system under which the corresponding element is defined.
Subsys	Name of the subsystem under which the corresponding element is defined.
Element	Name of the Endeavor element that corresponds to this CSECT (for a load member) or member (for a non-load member).
Type	Type for the element.
Stg	ID of the stage under which the corresponding element is defined.
VV.LL	Current version/level for the element.
Date	Generate processor date for the element (<i>ddMMMyy</i>).
Time	Generate processor time for the element (<i>hh:mm</i>).
LD	An entry of: <ul style="list-style-type: none"> ■ Y — Footprint created by the load utility. ■ blank — Footprint created by a processor.
(no heading)	For CSECTs that are not footprinted or have PTFs applied against them: <ul style="list-style-type: none"> ■ *NO FOOTPRINT — The member/CSECT has not been footprinted. ■ *CSECT ZAPPED — The CSECT has at least one PTF applied.

6.4 CONRPT81: Library CSECT Listing

1 (C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:10:40 PAGE 124 RELEASE X.XX SERIAL XXXXXX					
				CONRPT81: LIBRARY CSECT LISTING									
LIBRARY: ENDEVOR.C19417.CONLIB													
VOLUME: TSU088													
				"-----"									
CSECT	MEMBER	LINKED	COMPILED	ENVIRON	SYSTEM	SUBSYS	ELEMENT	TYPE	STG	VV.LL	DATE	TIME LD	
	ENBP1210	12MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	ENBP1210	CPGM	2	01.00	12MAR98	08:37	
	ENBP1310	12MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	ENBP1310	CPGM	2	01.05	12MAR98	08:38	
	ENBP1410	12MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	ENBP1410	CPGM	2	01.00	12MAR98	08:40	
	ENCPARSD	12MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	ENIPARSE	CPGM	2	01.02	12MAR98	08:43	
	ENCPPRGM	12MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	ENIPARSE	CPGM	2	01.02	12MAR98	08:43	
	ENCXINIC	12MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	XPINITC	CPGM	2	01.00	11MAR98	11:00	
	ENNCONV	12MAR98	12MAR98										
	ENNRBLD	12MAR98	12MAR98										
	ENNRFTM	12MAR98	12MAR98										
	ENNSYNC	12MAR98	12MAR98	SMPLTEST	ADMIN	DB2	ENNSYRP	CPGM	2	01.02	12MAR98	08:53	
	XPINITC	11MAR98	11MAR98	SMPLTEST	ADMIN	XP	XPINITC	CPGM	2	01.00	11MAR98	11:00	
AFOPEN	BCSPCOMP	12MAR98	27MAY91										
	BCSPDCMP	12MAR98	27MAY91										
AFREAD	BCSPCOMP	12MAR98	27MAY91										
AFWRITE	BCSPCOMP	12MAR98	27MAY91										
ATOL	BCSPCOMP	12MAR98	27MAY91										
	BCSPDCMP	12MAR98	27MAY91										
	ENCPARSD	12MAR98	27MAY91										
	ENCPPRGM	12MAR98	27MAY91										
BASICDEL	BASICDEL	12MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	BASICDEL	ASMPGM	2	01.00	11MAR98	11:17	
BASICGEN	BASICGEN	12MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	BASICGEN	ASMPGM	2	01.01	11MAR98	11:17	
BC1GEXTI	BC1GEXTI	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GEXTI	ASMPGM	2	01.01	11MAR98	13:52	
BC1GFLOM	BC1G1000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GFLOM	ASMPGM	2	01.01	11MAR98	13:52	
	BC1G4000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GFLOM	ASMPGM	2	01.01	11MAR98	13:52	
BC1GFLOM	BC1G4000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GFLOM	ASMPGM	2	01.01	11MAR98	13:52	
BC1GFLOW	BC1G1000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GFLOW	ASMPGM	2	01.05	11MAR98	13:52	
BC1GGLBV	BC1GGLBV	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GGLBV	ASMPGM	2	01.11	11MAR98	13:52	
BC1GMSG1	BC1GMSG1	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GMSG1	ASMPGM	2	01.02	11MAR98	13:53	
BC1GPGML	BC1GPGML	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GPGML	ASMPGM	2	01.02	11MAR98	13:53	
BC1GSDSN	BC1GSDSN	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GSDSN	ASMPGM	2	01.00	11MAR98	13:53	
BC1GVDSN	BC1GVDSN	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1GVDSN	ASMPGM	2	01.12	11MAR98	13:53	
BC1G0000	BC1G0000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G0000	ASMPGM	2	01.12	11MAR98	13:53	
BC1G0030	BC1G0000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G0030	ASMPGM	2	01.06	11MAR98	13:54	
BC1G0100	BC1G1000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G0100	ASMPGM	2	01.07	11MAR98	13:54	
BC1G0200	BC1G0200	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G0200	ASMPGM	2	01.04	11MAR98	13:54	
BC1G1000	BC1G1000	12MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G1000	ASMPGM	2	01.30	11MAR98	13:54	
BC1G1100	BC1G1100	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G1100	ASMPGM	2	01.19	11MAR98	13:54	
BC1G1110	BC1G1110	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G1110	ASMPGM	2	01.02	11MAR98	13:55	
BC1G1120	BC1G1120	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G1120	ASMPGM	2	01.01	11MAR98	13:55	
BC1G1500	BC1G1500	11MAR98	11MAR98	SMPLTEST	ADMIN	PDM	BC1G1500	ASMPGM	2	01.04	11MAR98	13:55	

6.4.1 Content

CONRPT81 lists the CSECTs in a particular load library, together with the corresponding member name and link-edit/compile dates. For those CSECTs that have been footprinted, CONRPT81 also includes footprint information.

6.4.1.1 Selection Statements

REPORT 81

6.4.1.2 Sort Sequence

1. CSECT
2. Member name

6.4.1.3 Page Break

None

6.4.1.4 Totals

None

6.4.2 Field Descriptions

The table below describes the fields that appear on CONRPT81.

Report Field	Description
Library and Volume	Data set name for the library being processed, and the volume number of the disk pack on which the library resides.
CSECT	Name of the CSECT for which information is shown to the right.
Member	Name of the load member for the CSECT.
Linked	Date the load module was last link-edited with this CSECT (<i>ddMMMyy</i>).
Compiled	Date the load module was last compiled (<i>ddMMMyy</i>).
Environ	Name of the environment under which the corresponding element is defined.
System	Name of the system under which the element is defined.
Subsys	Name of the subsystem under which the element is defined.
Element	Name of the element that corresponds to this CSECT.
Type	Type for the element.
Stg	ID of the stage for the element.
VV.LL	Current version/level for the element.
Date	Generate processor date for the element (<i>ddMMMyy</i>).
Time	Generate processor time for the element (<i>hh:mm</i>).
LD	Specifies how the footprint was created. <ul style="list-style-type: none"> ■ Y — Footprint created by the load utility. ■ blank — Footprint created by a processor.

6.5 CONRPT82: Library ZAPped CSECT Profile

1 (C) 1987,2002 Computer Associates International						Endevor	mm/dd/yy		17:10:44	PAGE 228						
CONRPT82: LIBRARY ZAPPED CSECT PROFILE							RELEASE		X.XX	SERIAL XXXXXX						
LIBRARY: ENDEVOR.C19417.CONLIB																
VOLUME: TSU088																
F O O T P R I N T																
----- Z A P -----																
CSECT	MEMBER	COMPILED	LINKED	ENVIRON	SYSTEM	SUBSYS	ELEMENT	TYPE	STG	VV.LL	DATE	TIME	LD	CNT	DATE	INFO
C1BML025	C1BML025	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BML025	ASMPGM	2	01.06	11MAR98	11:54	01	11MAY98	C9472700	
C1BMX010	C1BMX000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BMX010	ASMPGM	2	01.23	11MAR98	11:55	01	22MAY95	P080295	
C1BMX040	C1BMX040	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BMX040	ASMPGM	2	01.36	11MAR98	11:56	01	23AUG95	P053331	
C1BMX060	C1BMX040	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BMX060	ASMPGM	2	01.12	11MAR98	11:57	01	21JUN95	P080706	
													02	21JUN95	P080746	
C1BM2500	C1BM2500	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BM2500	ASMPGM	2	01.42	11MAR98	11:57	01	23AUG95	P078298	
													02	23AUG95	P080674	
C1BM4210	C1BM4210	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BM4210	ASMPGM	2	01.86	11MAR98	12:00	01	17MAR98	C9472110	
C1BM5200	C1BM5200	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BM5200	ASMPGM	2	01.45	11MAR98	12:01	01	11MAY98	C9472710	
													02	22MAY95	P080118	
													03	21JUN95	P080528	
													04	23AUG95	P072608	
C1BM6100	C1BM6100	11MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	C1BM6100	ASMPGM	2	01.03	11MAR98	12:02	01	11MAY98	C9472720	
C1BM7IDR	C1BM7IDR	11MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	C1BM7IDR	ASMPGM	2	01.11	11MAR98	12:03	01	22MAY95	P080488	
C1BR1000	C1BR1000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BR1000	ASMPGM	2	01.09	11MAR98	12:06	01	11MAY95	P078162	
													02	21JUN95	P054311	
C1BR3000	C1BR1000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BR3000	ASMPGM	2	01.18	11MAR98	12:07	01	11MAY95	P078162	
													02	21JUN95	P054311	
C1BR3010	C1BR1000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BR3010	ASMPGM	2	01.32	11MAR98	12:07	01	21JUN95	P054311	
C1BR3030	C1BR1000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1BR3030	ASMPGM	2	01.22	11MAR98	12:07	01	11MAY95	P078162	
													02	21JUN95	P079619	
C1GI00RE	C1GI0000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1GI00RE	ASMPGM	2	01.55	11MAR98	12:10	01	11MAY95	P080387	
C1GI0000	C1GI0000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1GI0000	ASMPGM	2	01.38	11MAR98	12:11	01	17MAR98	C9472370	
													02	21MAR98	C9472580	
C1GPLIST	C1GPLIST	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1GPLIST	ASMPGM	2	01.35	11MAR98	12:13	01	11MAY98	C9472600	
C1GPPSET	C1GPPSET	11MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	C1GPPSET	ASMPGM	2	01.13	11MAR98	12:15	01	09AUG95	P081079	
C1GP0000	C1GP0000	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1GP0000	ASMPGM	2	01.44	11MAR98	12:15	01	17MAR98	C9472440	
													02	22MAY95	P080723	
													03	21JUN95	P079886	
													04	29JUN95	P080115	
													05	29JUN95	P080956	
													06	09AUG95	P078541	
													07	09AUG95	P081079	
													08	13SEP95	P080956	
C1GSEXTI	C1GSEXTI	11MAR98	12MAR98	SMPLTEST	ADMIN	PROCESS	C1GSEXTI	ASMPGM	2	01.58	11MAR98	12:18	01	22MAY95	P080313	
													02	22MAY95	P080596	
													03	21JUN95	P080134	
C1GSFULM	C1GSFULM	11MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	C1GSFULM	ASMPGM	2	01.20	11MAR98	12:18	01	11MAY98	C9472450	
C1GS0000	C1GS0000	11MAR98	11MAR98	SMPLTEST	ADMIN	PROCESS	C1GS0000	ASMPGM	2	01.46	11MAR98	12:19	01	11MAY98	C9472770	

6.5.1 Content

CONRPT82 lists those CSECTs from a particular load library that have been ZAPped. For each CSECT listed, it includes footprint information similar to that in Report 81, as well as the date and IDRDATA for each PTF applied.

Note: When using this report, make sure CSECTs within the load module are footprinted.

6.5.1.1 Selection Statements

REPORT 82

1. CSECT
2. Member name

None

None

6.5.2 Field Descriptions

The table below describes the fields that appear on CONRPT82.

Report Field	Description
Library and Volume	Data set name for the library being processed, and the volume number for the disk on which the library resides.
CSECT	Name of the CSECT for which information is shown to the right.
Member	Name of the load member of which the CSECT is a part.
Compiled	Date the load module was last compiled (<i>ddMMMyy</i>).
Linked	Date the load module was last link-edited with this CSECT (<i>ddMMMyy</i>).
Environ	Name of the environment under which the corresponding element is defined.
System	Name of the system under which the corresponding element is defined.
Subsys	Name of the subsystem under which the element is defined.
Element	Name of the Endeavor element that corresponds to this CSECT.
Type	Type for the element.
Stg	ID of the stage for the element.
VV.LL	Version/level of the element used to created this CSECT.
Date	Generate processor date for the element (<i>ddMMMyy</i>).
Time	Generate processor time for the element (<i>hh:mm</i>).
LD	Specifies how the footprint was created. <ul style="list-style-type: none"> ■ Y — Footprint created by the load utility. ■ blank — Footprint created by a processor.
Cnt	Number of PTFs (ZAPs) applied against the CSECT.
Date	Date on which the PTF identified by the INFO field (to the right) was applied. One date is included for each PTF.
Info	IDRDATA assigned at the time the PTF was applied.

6.6 CONRPT83: Footprint Exception Report

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:10:45 PAGE 250									
				CONRPT83: FOOTPRINT EXCEPTION REPORT				RELEASE X.XX SERIAL XXXXXX									
LIBRARY: ENDEVOR.C19417.CONLIB																	
VOLUME: TSU088																	
FOOTPRINT												MASTER					
MEMBER	CSECT	ENVIRON	SYSTEM	SUBSYS	ELEMENT	TYPE	STG	VV.LL	DATE	TIME	LD	GEN/MSTR	DATE	MOVE/CMP	DATE	VV.LL	MESSAGE
C1SD4000	C1SD4000	SMPLTEST	ADMIN	PROCESS	C1SD4000	ASMPGM	2	01.21	11MAR98	12:27							C1R021W
C1SPMISC	C1SPMISC	SMPLTEST	ADMIN	PROCESS	C1SPMISC	ASMPGM	2	01.29	11MAR98	12:45							C1R021W
C1SPPKGL	C1SPPKGL	SMPLTEST	ADMIN	PROCESS	C1SPPKGL	ASMPGM	2	01.29	11MAR98	12:46							C1R021W
C1SPSYNT	C1SPSYNT	SMPLTEST	ADMIN	PROCESS	C1SPSYNT	ASMPGM	2	01.06	11MAR98	12:48							C1R021W
C1SSACTN	C1SSACTN	SMPLTEST	ADMIN	PROCESS	C1SSACTN	ASMPGM	2	01.53	11MAR98	12:49							C1R021W
C1SSDVLD	C1SSDVLD	SMPLTEST	ADMIN	PROCESS	C1SSDVLD	ASMPGM	2	01.53	11MAR98	12:54							C1R021W
C1SSFPVR	C1SSFPVR	SMPLTEST	ADMIN	PROCESS	C1SSFPVR	ASMPGM	2	01.24	11MAR98	12:56							C1R021W
C1SSXI00	C1SSXI00	SMPLTEST	ADMIN	PROCESS	C1SSXI00	ASMPGM	2	01.28	11MAR98	13:02							C1R021W
C1SSXI10	C1SSXI10	SMPLTEST	ADMIN	PROCESS	C1SSXI10	ASMPGM	2	01.20	26JAN95	18:52		11MAR98	13:03	28FEB95	05:27	01.22	C1R023W
ENBEMSG	\$WARNING																
	L\$CBMOL@																
	L\$CBWRN																
	L\$CDYNMO																
	L\$UGLBL@																
	NBEGMSG>																
	NIMISC1>																
ENBEMSG1	ENBEMSG1	SMPLTEST	ADMIN	PROCESS	ENBEMSG1	ASMPGM	2	01.03	11MAR98	13:04							C1R021W
ENBEWMSG	\$WARNING																
	L\$CBMOL@																
	L\$CBWRN																
	L\$CDYNMO																
	L\$UGLBL@																
	NBEWMSG>																
	NIMISC1>																
ENBE1100	\$MALLOC																
	\$WARNING																
	CALLOC																
	FREE																
	L\$CALOC+																
	L\$CALOC:																
	L\$CALOC@																
	L\$CBMOL@																
	L\$CBWRN																
	L\$CDYNMO																
	L\$CMEMC																
ENBE1200	\$MALLOC																
	\$WARNING																
THE FOLLOWING MESSAGES WERE RECEIVED:																	
C1R020W NO FOOTPRINT PRESENT, UNABLE TO CORRELATE TO MCF.																	
C1R021W THE CSECT HAS BEEN ZAPPED.																	
C1R023W THE FOOTPRINT DATE/TIME DOES NOT MATCH MCF LAST GENERATE OR MOVE DATE/TIME.																	

THE FOLLOWING MESSAGES WERE RECEIVED:
 C1R020W NO FOOTPRINT PRESENT, UNABLE TO CORRELATE TO MCF.
 C1R021W THE CSECT HAS BEEN ZAPPED.
 C1R023W THE FOOTPRINT DATE/TIME DOES NOT MATCH MCF LAST GENERATE OR MOVE DATE/TIME.

6.6.1 Content

CONRPT83 lists those members/CSECTs of a library that has no footprint information or the footprint information has been compromised. A compromise occurs if the footprint information is out of sync with the Endevor Master Control File for the corresponding element, or when the CSECT has been ZAPPED.

The intention of this report is to validate the contents of processor output libraries. When run against base and/or delta libraries, its results are unpredictable. Use the Validate function of C1BM5000 to validate footprints in base and delta libraries. See the *Utilities Guide* for more information.

To determine whether the footprint information is out of sync with the MCF, ENDEVOR compares the member/CSECT footprint against the corresponding element, within the environment and stage specified using the selection statements.

For each member/CSECT, a message is included to the far right. This message indicates the reason why the member/CSECT is included in the report.

Note: Load modules that only have a load module footprint (versus a CSECT footprint) will show up as having a footprint compromise error with this report. CONRPT83 is looking at CSECT footprints, not load module footprints.

REPORT 83

ENVIRONMENT

1. Member name
2. CSECT

6.6.1.1 Page Break

None

6.6.1.2 Totals

None

6.6.2 Field Descriptions

The table below describes the fields that appear on CONRPT83.

Report Field	Description
Library and Volume	Data set name for the library being processed, and the volume number of the disk pack on which the library resides.
Member	Name of the (load or non-load) library member for which information is shown to the right.
CSECT	Applicable for load members only containing the CSECT NAME and one of the following: <ul style="list-style-type: none"> ■ Footprint information ■ Or the comment "* NO FOOTPRINT PRESENT" displays to the right
Environ	Name of the environment under which the corresponding element is defined.
System	Name of the system under which the element is defined.
Subsys	Name of the subsystem under which the element is defined.
Element	Name of the element that corresponds to this CSECT (for a load member) or member (for a non-load member).

Report Field	Description
Type	Type for the element.
Stg	ID of the stage under which the corresponding element is defined.
VV.LL	Current version/level for the element.
Date	Generate processor date for the element (<i>ddMMMyy</i>).
Time	Generate processor time for the element (<i>hh:mm</i>).
LD	Specifies how the footprint was created. <ul style="list-style-type: none"> ▪ Y — The Footprint created by the load utility. ▪ blank — Footprint created by a processor.
Gen/MSTR Date	Generate processor date for the element (<i>ddMMMyy</i>) from the Master Control File (MCF) for this member/CSECT.
MOVE/CMP Date	Move date for the element—and its associated component list, if there is one—(<i>ddMMMyy</i>) from the MCF file for this member/CSECT.
VV.LL	Current version/level for the element from the MCF file for this element/CSECT.
Message	Message number to describe why the member/CSECT is included in the report. The message numbers and meanings are described on the final page of this report.

This section provides sample report JCL (OS/390 and DOS/VSE) and EXECs (VM/CMS) for running the Executable Module Footprint Report.

Use the JCL (or EXEC) appropriate to your installation when running this report. Certain variable parameters, indicated by lower case entries in the JCL or EXEC, must be changed to meet your particular requirements.

6.6.3 DOS/VSE JCL

```

* $$ JOB .....
* $$ .....
*
* BC1PXFPR: LIST FOOTPRINTS FROM PHASE LIBRARY
* --- SUPPLY PROPER VSE/POWER CONTROL CARDS ---
* --- AND ADJUST LIBDEF TO YOUR INSTALLATION ---
*
// JOB FOOTPRT
// LIBDEF PHASE,SEARCH=(bst.cilib,usr.cilib)
// EXEC BC1PXFPR,SIZE=100K
REPORT .
  MEMBER = xxxxxxxx .
  MEMBER = yyyyyyyy .
/*
/&
* $$ E0J

```

6.6.4 VM/CMS EXEC JCL

```
&TRACE OFF
***** VM/CMS *****
* EXEC TO RUN FOOTPRINT REPORT AGAINST CMS LOADLIB(S) *
* ARG 1 IS THE FILENAME OF THE LOADLIB TO REPORT AGAINST, *
* ARG 2 IS THE FILENAME OF THE CONTROL CARDS (FT=SYSIPT). *
*****
FILEDEF RPTLLIB DISK &1 LOADLIB *
GLOBAL LOADLIB BSTNDVR
FILEDEF SYSLSST PRINT
FILEDEF SYSIPT DISK &2 SYSIPT A (LRECL 80 RECFM FB)
OSRUN BC1PXFPR
*
*****
* NOTE: FILE "&2 SYSIPT" SHOULD CONTAIN:
* +-----+
* REPORT .
* LOADLIB = RPTLLIB .
* MEMBER = xxxxxxxx .
* ... ETC ...
*****
```

6.6.5 OS/390 JCL

```
//XXXXXXX JOB (..... PUT PROPER JOB CARD INFO HERE.
//*
//* BC1PXFPR: LIST FOOTPRINTS FROM LOAD LIBRARY
//* --- SUPPLY PROPER OS/390 JOB CARD INFO ---
//* --- AND ADJUST JOBLIB AS APPROPRIATE ---
//*
//JOBLIB DD DSN=iprfx.igual.CONLIB,DISP=SHR
//*
//* NOTE: REGION MUST BE SUFFICIENT FOR 120K+SIZE OF LARGEST MEMBER
//* TO REPORT ON.
//*
//R EXEC BC1PXFPR,REGION=500K
//*
//* MEMBERS WILL BE LOADED FROM HERE FOR REPORTING
//*
//RPTLIB DD DSN=your.appl.loadlib,DISP=SHR
//SYSLSST DD SYSOUT=*
//SYSIPT DD *
REPORT .
LIBRARY = RPTLIB .
MEMBER = xxxxxxxx .
MEMBER = yyyyyyy .
/*
```

Chapter 7. Unload/Reload Reports

7.1 Overview

The Unload/Reload reports, listed below, are described in detail in this chapter:

- CONRPT50: Unload System Inventory Profile
- CONRPT51: Unload System Definition Profile
- CONRPT52: Unload Approver Group Definition
- CONRPT53: Unload Approver Group Usage
- CONRPT54: Unload Element Catalog
- CONRPT55: Unload Package Summary Report

The Unload/Reload reports contain information about system unload activity. When running an Unload/Reload report against an unload tape, you must include an UNLINPT DD statement in the report JCL.

7.2 CONRPT50: Unload System Inventory Profile

(C) 1987,2002 Computer Associates International							Endevor		mm/dd/yy 10:47:21 PAGE 123 RELEASE X.XX SERIAL XXXXXX				
CONRPT50: UNLOAD SYSTEM INVENTORY PROFILE													
SYSTEM NDVR	SYSTEM TITLE ENDEVOR.DA1BG10.UNLOAD2						BACKUP DATE 28MAY01		BACKUP TIME 16:05				
ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE ID SEQ	ELEMENT	VV.LL	PROCESSOR GROUP	BASE DATE	BASE USER ID	CURRENT DATE	CURRENT USER ID	LAST GEN DATE	LAST GEN USER ID
SMPLTEST	ADMIN	PROCESS	CSP10	D	INSTCSP	01.04	CSP10	22JAN99	ZSXFHB1	06FEB99	ZSXFHB1	21FEB01	CA1GG80

SMPLTEST	ADMIN	PROCESS	CSP10	D				2					
SMPLTEST	ADMIN	PROCESS	CSP10					2					
SMPLTEST	ADMIN	DB2	ASMDB2R	D	BC1PCAF	01.15	ASMDB2R	26MAR99	ZSXTGL1	23MAY01	DA1TL91	23MAY01	DA1TL91
					BC1PCAF1	01.01	ASMDB2R	22MAR01	DA2TL91	22MAR01	DA2TL91	22MAR01	DA2TL91
					BC1PDBFP	01.16	ASMDB2R	13APR99	ZSXTGL1	23APR01	DA1TL91	23APR01	DA1TL91
					BC1PDBF2	01.19	ASMDB2R	14JAN01	CA1BB39	11MAR01	DA1TL91	11MAR01	DA1TL91
					BC1PHLI	01.02	ASMDB2R	03APR99	ZSXTGL1	21MAR01	DA2TL91	21MAR01	DA2TL91
					BC1PHLI2	01.04	ASMDB2R	30MAR99	ZSXTGL1	12MAR01	DA1TL01	12MAR01	DA1TL91
					BC1RDB92	01.08	ASMDB2R	26FEB99	ZSXJFP1	06MAY01	DA1TL91	06MAY01	DA1TL91
					BC1RDB93	01.11	ASMDB2R	05APR99	ZSXTGL1	22MAY01	DA2BG10	22MAY01	DA2BG10

SMPLTEST	ADMIN	DB2	ASMDB2R	D				8					
SMPLTEST	ADMIN	DB2	ASMDB2R					8					
SMPLTEST	ADMIN	DB2	ASMSQLR	D	BC1PSQL1	01.00	ASMSQLR	03JAN99	ZSXJXG1A	03JAN99	ZSXJXG1A	19MAY01	DA2BG10
SMPLTEST	ADMIN	DB2	LNKDB2	D	BC1PCAF	01.00	LNKDB2	03MAY98	ZSXJXG1A	04MAR01	DA1TL91	23MAY01	DA1TL91
					BC1PCAF1	01.00	LNKDB2	14MAR01	DA1TL91	14MAR01	DA1TL91	22MAR01	DA2TL91
					BC1PDBFP	01.00	LNKDB2NR	20MAY98	ZSXJXG1X	04MAR01	DA1TL91	23APR01	DA1TL91
					BC1PHLI	01.00	LNKDB2NR	03MAY98	ZSXJXG1A	03MAY98	ZSXJXG1A	22MAR01	DA2TL91
					BC1PHLI2	01.00	LNKDB2	03MAY98	ZSXJXG1A	04MAR01	DA1TL91	12MAR01	DA1TL91
					BC1RDB9X	01.00	LNKDB2NR	03MAY98	ZSXJXG1A	04MAR01	DA1TL91	22MAY01	DA2BG10

SMPLTEST	ADMIN	DB2	LNKDB2	D				6					
SMPLTEST	ADMIN	DB2	LNKDB2					6					
SMPLTEST	ADMIN	ELINK	ASMIMAC	D		01.01	ASMIMAC	30NOV99	DA1PB21	30NOV99	DA1PB21	30NOV99	DA1PB21
					CFTAPALC	01.01	ASMIMAC	24APR99	ZSXRA01	13MAR01	DA1R025	13MAR01	DA1R025

SMPLTEST	ADMIN	ELINK	ASMIMAC	D				2					
SMPLTEST	ADMIN	ELINK	ASMIMAC					2					

7.2.1 Content

This report provides information about all elements in the systems you specify as input parameters, at the time of the unload referenced in the header of this report. When more than one element is shown for one or more environment/system/subsystem/type/stage(s), the report prints total statement counts.

Using this report, you can easily see which elements have been updated or processed as a part of the current project. This allows you, for example, to identify elements that have been overlooked, so that these elements can be updated before they are moved to production.

7.2.1.1 Selection Statements

REPORT 50

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

7.2.1.2 Sort Sequence

1. System
2. Subsystem
3. Type
4. Stage

7.2.1.3 Page Break

By system

7.2.1.4 Totals

By stage and element type within system

7.2.2 Field Descriptions

The table below describes the fields that appear on CONRPT50.

Report Fields	Description
System	Name of the system where listed elements reside.
System Title	Name of the unload tape where this system is stored.
Backup Date	Date the last backup was taken using the unload utility.
Backup Time	Time the last backup was taken using the unload utility.
Environ	Name of the environment where listed elements reside.
System	Name of the system where listed elements reside.
Subsys	Name of the subsystem where listed elements reside.

Report Fields	Description
Type	Name of the type for listed elements.
Stage ID	ID of the stage for the listed elements.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
Element	Name of the element.
VV.LL	Current version/level for the element.
Processor Group	Name of the processor group for the element.
Base Date	Base date for the element (<i>ddMMMyy</i>).
Base User ID	Base user ID for the element.
Current Date	Level date for the current level of the element (<i>ddMMMyy</i>).
Current User ID	Level user ID for the current level of the element.
Last Gen Date	Last generate processor date for the element (<i>ddMMMyy</i>).
Last Gen User ID	User ID for last run of generate processor.

7.3 CONRPT51: Unload System Definition Profile

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 10:47:21 PAGE 123			
								RELEASE X.XX SERIAL XXXXXX			
				CONRPT51:UNLOAD SYSTEM DEFINITION PROFILE							
ENVIRONMENT: ENDEVOR											
STAGE	SYSTEM	SYSTEM TITLE		COMMENT	CCID	SIGN	CHECK	UPDATED	UPDATE	UPDATE	
D	ADMIN	ENDEVOR ADMINISTRATION APPLICATION		REQD	REQD	REQD	DSN	BY	DATE	TIME	
				Y	Y	Y	N	DA1FB22	24MAY01	13:19	
				DUP	ELM	NAME	CHK	DUP	PROC	O/P	TYPE
				ACTIVE	/	MSGSEV		ACTIVE	/	MSGSEV	CHK
				N	/	N/A		N	/	N/A	
		SYSTEM BACKUP DATE : 28MAY01		PROCESSOR LOAD		: ENDEVOR.XDVRC1S1.LOADLIB					
		SYSTEM BACKUP TIME : 16:05		UNLOAD DATASET		: ENDEVOR.XDVRC1S1.LISTINGS					
				UNLOAD DATASET		: ENDEVOR.DA1BG10.UNLOAD2					
TYPE(S)	UPDATE	USERID	DATE	TIME	DEFAULT	PROCESSOR GROUP					
GROUP	PROC	NAME	TYP	FG	SYMBOLICS						
ASMDB2R		ZSXJB1	23FEB99	17:11		ASMDB2R					
ASMDB2R		INTERNAL - BAL PROGRAMS, RENT (DB2)									
	DELADB2	D	Y								
	GENADB2	G	Y								
	GENADB2	M	Y								
ASMEMAC		ZSXPGM1	31JUL89	18:21							
ASMEMAC		CONVERTED TYPE RECORD									
	NOPROC	D	Y								
	NOPROC	G	Y								
	G2MACE	M	Y								
ASMIELIB		ZSXCMC1	09DEC89	15:58		ASMIELIB					
ASMIELIB		TESTING ELIB									
	D1PGM	D	Y								
	G1ASM	G	Y								
	G2ASM	M	Y								
ASMIMAC		ZSXPGM1	31JUL89	18:21							
ASMIMAC		CONVERTED TYPE RECORD									
	NOPROC	D	Y								
	NOPROC	G	Y								
	NOPROC	M	Y								
ASMIPANV		ZSXSXV1	01AUG89	09:04							
ASMIPANV		CONVERTED TYPE RECORD									
	D1PGM	D	Y								
	G1ASM	G	Y								
	G2ASMRPV	M	Y								
ASMIPGMR		ZSXGMG1	08FEB99	13:00		ASMIPGMR					
ASMIPGMR		AUTOMATIC CONVERSION OF TYPE PROCESSOR INFORMATION									
	D1PGM	D	Y								
	G1ASM	G	Y	UNIT		SYSDA					
	G2ASM	M	Y								

7.3.1 Content

This report provides detailed system definition information for each system requested, at the time of the unload referenced in the report header. System definition information is described in the *Administration Guide*. Refer to this guide for related information.

7.3.1.1 Selection Statements

REPORT 51

ENVIRONMENT

SYSTEM

TYPE

STAGE

7.3.1.2 Sort Sequence

1. System
2. Stage

7.3.1.3 Page Break

By system, by stage within each system

7.3.1.4 Totals

None

7.3.2 Header Field Descriptions

The table below describes the header fields that appear on CONRPT51.

Header Fields	Description
Environment	Name of the environment where the system resides.
Stage	ID of the stage where the system resides.
System	Name of the system for which the definition information is shown.
System Title	Descriptive title for the system.
Comment Req'd	Valid entries are: <ul style="list-style-type: none">■ Y — Comments must be included for each action to which they apply.■ N — Comments are not required.
CCID Req'd	Valid values are: <ul style="list-style-type: none">■ Y — Change control ID must be included for each action to which it applies.■ N — Change control IDs are not required.

Header Fields	Description
Sign Req'd	Valid values are: <ul style="list-style-type: none"> ▪ Y — The sign-in/sign-out facility is in use for this system. ▪ N — The sign-in/sign-out facility is not in use for this system.
Check DSN	Valid values are: <ul style="list-style-type: none"> ▪ Y — Data set validation is in use for this system. ▪ N — Data set validation is not in use for this system.
Updated By	User ID responsible for last system definition update.
Update Date	Date of last system definition update (<i>ddMMMyy</i>).
Update Time	Time of last system definition update (<i>hh:mm</i>).
System Backup Date	Date of unload covered by this report.
Processor Load	Name of the processor load library for the system.
System Backup Time	Time of unload covered by this report.
Processor List	Name of the processor listing library for the system.
Unload Dataset	The data set where report information is stored.

7.3.3 Field Descriptions

The table below describes the report fields that appear on CONRPT51.

Report Field	Descriptions
Type(s)	Name of the defined element type.
Update User Id	ID of the user responsible for last element definition update.
Date	Date of last element definition update (<i>ddMMMyy</i>).
Time	Time of last element definition update (<i>hh:mm</i>).
Default Processor Group	The default processor group for the named type.
Group	The name and description of the processor group currently assigned to the element.
PROC Name	The name of the (generate, move, or delete) processor for the element.
Typ	The processor type. Values are: <ul style="list-style-type: none"> ▪ D — Delete processor ▪ G — Generate processor ▪ M — Move processor

Report Field	Descriptions
FG	<p>For each of the three types of processors, an indication of whether the processor can be run in foreground. Valid entries are:</p> <ul style="list-style-type: none">■ Y — The processor can be executed in the foreground.■ N — The processor cannot be executed in the foreground. <p>If a processor cannot be run in foreground and you run an action in foreground that would normally result in the execution of a processor, you will get a message to that effect and must submit the action in batch.</p>
Symbolics	<p>Shows any overridden symbolics associated with the processor. The default symbolic appears in the left portion of the field; the value used to override the default appears in the right portion of the field. Default symbolics that are not overridden are not listed.</p>

7.4 CONRPT52: Unload Approver Group Definition

(C) 1987,2002 Computer Associates International		Endevor		mm/dd/yy 10:47:21 PAGE 123	
				RELEASE X.XX SERIAL XXXXXX	
		CONRPT52: UNLOAD APPROVER GROUP DEFINITION			
ENVIRONMENT: ENDEVOR		UNLOAD DSNNAME: ENDEVOR.DA1BG10.UNLOAD2			
GROUP : C9040630		TITLE: REGRESSION TEST		QUORUM: 00	
		LAST UPDATED BY: DA2FB22		ON: 23APR01 AT: 09:57:41	
		USERIDS: DA1SJ27 (REQ)		AP1	
		AP4		AP5	
		AP8		AP9	
		AP12		AP14	
				AP13	
WHERE USED:		STAGE SYSTEM		SUBSYSTEM TYPE	
		1 QATEST		35 PKGTYPE	

7.4.1 Content

The Unload Approver Group Definition report lists, by approver group, selected information defined in Endevor, as contained in the unload data set referenced. Approver group definition is explained completely in the *Administration Guide*; refer to this guide for related information.

7.4.1.1 Selection Statements

REPORT 52

ENVIRONMENT

7.4.1.2 Sort Sequence

Approver group name

7.4.1.3 Page Break

By approver group

7.4.1.4 Totals

None

7.4.2 Field Descriptions

The table below describes the header fields that appear on CONRPT52.

Report Field	Description
Environment	Name of the environment in which the approver group is defined.
Unload Dsname	The unload data set containing this information.

Report Field	Description
Group	Name of the approver group.
Title	Descriptive title for the approver group.
Quorum	Number of required approvals.
Last Updated By	Indicates when the approver group definition was last updated, listing user (BY:), date (ON:), and time (AT:).
User IDs	The approvers for the inventory areas specified (see the next report field described).
Where Used	The inventory area(s) to which the approver group is related. These areas are identified by stage, system, subsystem, and/or type, all within the environment listed at the top of the report.

7.5 CONRPT53: Unload Approver Group Usage

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 10:47:21 PAGE 123	
				CONRPT53: UNLOAD APPROVER GROUP USAGE		RELEASE X.XX SERIAL XXXXXX	
ENVIRONMENT: IMRENV1 UNLOAD DSNAME: ENDEVOR.DA1C110.UNLOAD4							
STAGE	SYSTEM	SUBSYSTEM	TYPE	APPROVER GROUPS			
*	*	GENPRODS	*	(ST) MSE1			
*	PGM	PGM	CICSCOB	(ST) DEVDEPT1	(ST) QADEPT1		
*	PGM	PGM	FINCOBOL	(ST) DEVDEPT1	(ST) FINANCE-AP	(ST) FINANCE-AR	
1	PGM	PGM	FINCOBOL	(ST) QADEPT1			
*	PGM	PGM	PGM1	(ST) CMCGROUP			

7.5.1 Content

The Unload Approver Group Usage report lists all inventory areas, within a specified environment, for which approval is required, as contained in the unload data set referenced. The approver groups related to each inventory area are shown to the right of the inventory area identification.

7.5.1.1 Selection Statements

REPORT 53

ENVIRONMENT

7.5.1.2 Sort Sequence

1. Stage
2. System
3. Subsystem
4. Type

7.5.1.3 Page Break

None

7.5.1.4 Totals

None

7.5.2 Field Descriptions

The table below describes the header fields that appear on CONRPT53.

Report Field	Description
Environment	Name of the environment in which the inventory areas are defined.
Unload Dsname	The unload data set containing this information.
Stage/System/ Subsystem/Type	The inventory areas for which approval is required.
Approver Groups	The approver groups related to each inventory area.
Notes:	
More than one approver group can be associated with a particular inventory area. This report identifies approver groups as:	
1. ST — The approver group type is standard.	
2. EM — The approver group type is emergency.	
See the <i>Packages Guide</i> manual for more information about standard and emergency approver groups.	

7.6 CONRPT54: Unload Element Catalog

(C) 1987,2002 Computer Associates International						Endevor			mm/dd/yy		10:47:21 PAGE 123		
									RELEASE X.XX		SERIAL XXXXXX		
UNLOAD DSN=ENDEAVOR.DA1BG10.UNLOAD2						CONRPT54: UNLOAD ELEMENT CATALOG							
ELEMENT	ENVIRON	SYSTEM	SUBSYS	TYPE	STAGE ID SEQ	VV.LL	PROCESSOR GROUP	BASE DATE	BASE USER ID	CURRENT DATE	CURRENT USER ID	LAST DATE	GENERATION USER ID
BC1RDB92	SMPLTEST	ADMIN	DB2	ASMDB2R	D	01.08	ASMDB2R	26FEB99	ZSXJFP1	06MAY01	DA1TL91	06MAY01	DA1TL91 X
BC1RDB93	SMPLTEST	ADMIN	DB2	ASMDB2R	D	01.11	ASMDB2R	05APR99	ZSXTGL1	22MAY01	DA2BG10	22MAY01	DA2BG10 X
BC1TTAPE	SMPLTEST	ADMIN	INTERNAL	ASMI PGMR	D	01.09	ASMI PGMR	22JAN99	ZSXPGM1	08APR01	DA1BG10	08APR01	DA1BG10 X
CFTAPALC	SMPLTEST	ADMIN	ELINK	ASMIMAC	D	01.01	ASMIMAC	24APR99	ZSXRA01	13MAR01	DA1R025	13MAR01	DA1R025 X
CFTAPPX	SMPLTEST	ADMIN	ELINK	OBJECT	D	01.01	*NOPROC*	24APR99	ZSXRA01	19FEB01	DA1R025	19FEB01	DA1R025 X
CFXAPPXX	SMPLTEST	ADMIN	ELINK	OBJECT	D	01.00	*NOPROC*	19FEB01	DA1R025	19FEB01	DA1R025	19FEB01	DA1R025 1
CIDS01	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.00	ISPME	02APR01	DA1TL91	02APR01	DA1TL91	02APR01	DA1TL91 1
CIEE11	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.07	ISPME	06SEP98	ZSXL DGI	27APR01	DA2ME10	27APR01	DA2ME10 X
CIEV03	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.04	ISPME	28APR98	ZSXBH1	22MAY01	DA2FB22	22MAY01	DA2FB22 X
CIEV04	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.05	ISPME	02MAR99	ZSXBAP1	22MAY01	DA2FB22	22MAY01	DA2FB22 X
CIEV13	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.03	ISPME	13JAN99	ZSXPTB1	02APR01	DA1TL91	02APR01	DA1TL91 X
CASMA90	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.02	ISPME	19APR01	DA2FB22	23APR01	DA2FB22H	23APR01	DA2FB22H 2
CIGG11	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.04	ISPME	02FEB99	ZSXBAP1	23APR01	DA1TL91	23APR01	DA1TL91 X
CIGG26	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.01	ISPME	02AUG99	DA1CA65	28MAY01	DA1MF45	28MAY01	DA1MF45 1
CIIO02	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.09	ISPME	26JUN99	ZSXGMG1	27MAR01	DA1TL91	27MAR01	DA1TL91 X
CIIO04	SMPLTEST	ADMIN	INTERNAL	ISPME	D	01.07	ISPME	09JAN99	ZSXRA01	02APR01	DA1TL91	02APR01	DA1TL91 X
CIMDPARM	SMPLTEST	ADMIN	INTERNAL	ASMIMAC	D	01.37	ASMIMAC	08JAN01	DA1CC47K	02MAY01	DA2FB22	02MAY01	DA2FB22 1
CIO1DSCT	SMPLTEST	ADMIN	INTERNAL	ASMIMAC	D	01.12	ASMIMAC	14FEB01	DA1BL89	13MAY01	DA2ME10	13MAY01	DA2ME10 1
CITFNMTL	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITFNMT2	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X00	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X01	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X02	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X03	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X04	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X05	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X06	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB220 1
CITF1X07	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB220	15MAR91	DA1FB220	15MAR91	DA1FB22Q 1
CITF1X08	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q 1
CITF2X00	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q 1
CITF2X01	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q 1
CITF2X02	SMPLTEST	ADMIN	INTERNAL	ISPPE	D	01.00	ISPPE	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q	15MAR91	DA1FB22Q 1

7.6.1 Content

This report provides detailed information for all elements defined in the Endeavor Master Control File for the selected environment, at the time of the unload recorded in the unload data set referenced in the report header. This report is sorted by element name.

7.6.1.1 Selection Statements

REPORT 54

ENVIRONMENT

SYSTEM

SUBSYSTEM

ELEMENT

TYPE

STAGE

7.6.1.2 Sort Sequence

1. Element
2. System
3. Subsystem
4. Type
5. Stage

7.6.1.3 Page Break

None

7.6.1.4 Totals

None

7.6.2 Field Descriptions

The table below describes the header fields that appear on CONRPT54.

Report Field	Description
Unload Dsname	The unload data set where this information is stored.
Element	Name of the element.
Environ	Name of the environment where the element is defined.
System	Name of the system where the element is defined.
Subsys	Name of the subsystem where the element is defined.
Type	Name of the type for the element.
Stage ID	ID of the stage where the element is defined.
Stage Seq	Sequential position of this stage on the map. For example, a value of 2 means that this stage is the second stage on a map route.
VV.LL	Current version/level for the element.
Processor Group	Name of the processor group for the element.
Base Date	Base date for the element (<i>ddMMMyy</i>).
Base User ID	Base user ID for the element.
Current Date	Date for the current level of the element (<i>ddMMMyy</i>).
Current User ID	User ID for the current level of the element.

Report Field	Description
Last Generation Date	Last generate processor date for the element (<i>ddMMMyy</i>).
Last Generation User ID	User ID for last run of generate processor for the element.

7.7 CONRPT55: Unload Package Summary Report

(C) 1987,2002 Computer Associates International					Endevor				mm/dd/yy 10:47:21 PAGE 123 RELEASE X.XX SERIAL XXXXXX				
CONRPT55: UNLOAD PACKAGE SUMMARY				FROM ENDEVOR.DA1BG10.PACKFILE									
PACKAGE NAME	STATUS	TYPE	BACKOUT	SUMMARY LAST UPDATED	FROM USER ID	ENDEVOR CAST DATE	DA1BG10 CAST USER	PACKFILE APP/DEN DATE	EXECUTE DATE	WINDOW START DATE	TIME	WINDOW END DATE	TIME
X2PRDT312	IN-EDIT	ST											
X2PRD100	APPROVED	ST		15AUG91	DA1BG10	15AUG91	DA1BG10	15AUG91		15AUG91	00:00	31DEC99	00:00
X2PRD101	APPROVED	ST		15AUG91	DA1BG10	15AUG91	DA1BG10	15AUG91		15AUG91	00:00	31DEC99	00:00
X2PRD103	APPROVED	ST		15AUG91	DA1BG10	15AUG91	DA1BG10	15AUG91		15AUG91	00:00	31DEC99	00:00
X2PRD105	IN-EDIT	ST		13SEP91	DA1BG10								
X2PRD106	IN-EDIT	ST		15AUG91	DA1BG10								
X2PRD107	APPROVED	ST		15AUG91	DA1BG10	15AUG91	DA1BG10	15AUG91		15AUG91	00:00	31DEC99	00:00
X2PRD108	APPROVED	ST		15AUG91	DA1BG10	15AUG91	DA1BG10	15AUG91		15AUG91	00:00	31DEC99	00:00
X2PRD110	IN-EDIT	ST		15AUG91	DA1BG10								
X2PRD111	APPROVED	ST			10	15AUG91				15AUG91	00:00	31DEC99	00:00
X2PRD114	APPROVED	ST		16AUG91	DA1BG10	16AUG91	DA1BG10	16AUG91		16AUG91	00:00	31DEC99	00:00
X2PRD115	APPROVED	ST		16AUG91	DA1BG10	16AUG91	DA1BG10	16AUG91		16AUG91	00:00	31DEC99	00:00
X2PRD116	IN-EDIT	ST		16AUG91	DA1BG10								
X2PRD117	IN-EDIT	ST		16AUG91	DA1BG10								
X2PRD118	EXECUTED	ST		16AUG91	DA1BG10	16AUG91	DA1BG10	16AUG91	16AUG91	16AUG91	00:00	31DEC99	00:00
X2PRD120	IN-EDIT	ST											
X2PRD201	IN-EDIT	ST											
X2PRD210	IN-EDIT	ST											
X2PRD220	IN-EDIT	ST											
X2PRD230	IN-EDIT	ST		28AUG91	DA1BG10								
X2PRD300	APPROVED	ST			10	16SEP91				11SEP91	00:00	31DEC99	00:00
X2PRD301	IN-EDIT	ST											
X2PRD310	IN-EDIT	ST											
X2PRD400	APPROVED	ST		20SEP91	DA1BG10	20SEP91	DA1BG10	20SEP91		20SEP91	00:00	31DEC99	00:00
X2PRD401	APPROVED	ST			10	20SEP91				20SEP91	00:00	31DEC99	00:00
X2PRD700	IN-EDIT	ST		25SEP91	DA1BG10								
X2PRD701	APPROVED	ST		25SEP91	DA1BG10	25SEP91	DA1BG10	25SEP91		25SEP91	00:00	31DEC99	00:00
X2PRD702	IN-EDIT	ST		25SEP91	DA1BG10								
X2PRD703	IN-EDIT	ST											

7.7.1 Content

The Unload Package Summary Report prints information on all packages in the system at the time of the unload tape referenced in the heading of the report.

7.7.1.1 Selection Statements

REPORT 55

PACKAGE

STATUS

WINDOW

CREATED

EXECUTED

CAST

BACKED OUT

7.7.1.2 Sort Sequence

By package (member) name

7.7.1.3 Page Break

None

7.7.1.4 Totals

None

7.7.2 Field Descriptions

The table below describes the fields that appear on CONRPT55.

Report Field	Description
Package name	Name of the package as defined during package processing.
Status	Current status of the package. Status can be one of the following: <ul style="list-style-type: none">▪ ABORTED — The package failed to execute.▪ APPROVED — The package is approved by all approvers.▪ COMMITTED — The package is committed.▪ DENIED — The package is denied approval.▪ EXECUTED — The package executed successfully.▪ IN-APPROVAL — The package is not approved or denied.▪ IN-EDIT — The package is created, but not cast.▪ *INVALID* — The package is considered invalid (there were discrepancies within the package when it was reviewed prior to execution). This problem is commonly caused by manually editing the package before submitting it for execution. The actual reason for the invalid status is shown in an error message at the top of the BSTRPTS output data set.
Type	Package type, values are: <ul style="list-style-type: none">▪ ST — Standard▪ EM — Emergency
Backout	Valid entries are: <ul style="list-style-type: none">▪ blank — There has been no backout activity for the package.▪ BACKED-OUT — The package has been backed out.▪ BACKED-IN — The package has been backed in.
Last Updated	Date of last package update (<i>ddMMMyy</i>).
Update User ID	ID of user responsible for last package update.
Cast Date	Date when package was cast (<i>ddMMMyy</i>).
Cast User	ID of user who cast the package.

Report Field	Description
App/Den Date	Date when package was approved (APP) or denied (DEN).
Execute Date	Date when the package was executed.
Window_Start Date Time	Earliest date and time at which the package may be executed.
Window_End Date Time	Latest date and time at which the package may be executed.

Chapter 8. Shipment Reports

8.1 Overview

The Shipment reports, listed below, are described in detail in this chapter:

- Data Extraction Facility
- Specifying Shipment Reports
- CONRPT73: Destination Detail Report
- CONRPT74: Package Shipment Report by Package ID
- CONRPT75: Package Shipment Report by Destination
- CONRPT76: Package Shipment Report by Shipments

Shipment reports allow you to review package shipment activity in summary format. Shipment reports and Footprint reports are mutually exclusive. If you need both types of reports, you must submit two separate jobs or two separate jobsteps within the same job.

8.2 Data Extraction Facility

Endevor allows you to extract data from a package library without producing shipment reports. You must submit an EXTRACT request (defined in the following sections), and the data to be extracted must be written to a data set identified in an EXTRACT DD statement. This data set must have a LRECL of at least 1200 and a RECFM of VB. A record layout is provided for the data in this file; the layout is in the form of an assembler macro. This macro has a member name of **C1BRXPAK** in the *iprfx.igual.SOURCE* library.

The data in this extract file is available to you to create custom reports. To extract data only, do not submit a REPORT request. When you request EXTRACT, Endevor does not print an extract summary report.

8.3 Specifying Shipment Reports

The syntax for specifying Shipment Reports is as follows:

EXtract *extract-numbers*.
REport *report numbers*.
ENVironment *environment-name*.
PACkage *package-name*.
DEstination *destination ID*.
SHipped after ... *date* ... BEFORE ... *date*

8.3.1 Description of Syntax Options

All statements are optional, and default to ALL.

EXtract *extract-numbers* .

If you want to extract report data but not generate any reports, include an EXTRACT statement and omit the REPORT statement from the specification. Acceptable extract numbers for the extract statement are 73, 74, 75, 76. The record layout of the extract file is defined by an assembler macro, which is the member **C1BRXPAK** in the *iprfx.igual*.SOURCE library.

REport *report-numbers*.

Acceptable report numbers for the REPORT statement are 73, 74, 75, 76.

PACkage *package-name*.

You may specify any number of package names.

DEstination *destination-id*.

You may specify a destination ID or mask.

SHipped after ... *date* ... BEFORE ... *date*

You may specify dates to limit selection criteria for reports 74, 75, 76. Dates may be in either mm/dd/yy or ddMMMyy format.

8.4 CONRPT73: Destination Detail Report

(C) 1987,2002 Computer Associates International			Endevor		mm/dd/yy 17:37:40 PAGE 14 RELEASE X.XX SERIAL XXXXXX	
CONRPT73: DESTINATION DETAIL REPORT						
DESTINATION: CLASS		REMOTE NODENAME: CA		TRANSMISSION METHOD: LOCAL		
DESCRIPTION: CLASS SHIPMENT DESTINATION				SHIP COMPLEMENTARY DATASETS: Y		
STAGING INFORMATION		HOST SITE	REMOTE SITE	REMOTE JOB STATEMENT INFORMATION		

DATASET PREFIX: CA1PL90.NDVR			//CA1T030Z JOB (ZS,P100,9999,99),'PACKAGE SHIP',			
DISPOSITION: DELETE			// NOTIFY=CA1PL90,REGION=4096K,TIME=(,59),CLASS=A,			
UNIT: SYSDA			// MSGCLASS=X,USER=CA2PL90			
VOLUME SERIAL:			/*ROUTE PRINT U100			
CREATED: 11OCT98 17:42 BY CA1PL90						
UPDATED: 05JUN01 18: BY CA1PL90						
MAPPING	MEMBERS	HOST	REMOTE			
RULE	PER CYL	DATASET NAME	MAPS TO ->	DATASET NAME		

MAPPED	16	ENDEVOR.PLL.LOADLIB		ENDEVOR.PLL.LOADLIB3		
		DESCRIPTION: SHIP FROM STAGE 1 LOAD				
MAPPED	16	ENDEVOR.PLL.LOADLIB1		ENDEVOR.PDSTEST.LOADLIB		
		DESCRIPTION: LOADLIB1				
MAPPED	16	ENDEVOR.PLL.LOADLIB2		ENDEVOR.PLL.LOADLIB3		
		DESCRIPTION: LOAD LIB COPY				
MAPPED	16	ENDEVOR.PLL.SRCLIB		ENDEVOR.PLL.REMOTE		
		DESCRIPTION: LOCAL				
MAPPED	16	ENDEVOR.PLL.SRCLIB1.C1SYSTEM		ENDEVOR.PLL.REMOTE		
		DESCRIPTION: SOURCE LIB 1				
MAPPED	16	ENDEVOR.PLL.TEST.PKG.SHIP.LOADSET.LENGTH2		ENDEVOR.PLL.LOADLIB1		
		DESCRIPTION: LONG 44 CHARACTER DATASET				
MAPPED	16	ENDEVOR.PLL.TESTLIB		ENDEVOR.PLL.REMOTE		
		DESCRIPTION: LOCAL				
MAPPED	16	BST1.MPRODFX.*.LOAD		ENDEVOR1.TEST.*.LOAD		
		DESCRIPTION: TEST1				
MAPPED	16	CA1PL90.ENVMNT21.LOADLIB		CA1PL90.ENVMNT21.LAODLIB		
		DESCRIPTION: TEST2				
MAPPED	16	CA1PL90.PLL.TESTLIB		ENDEVOR.PLL.REMOTE		
		DESCRIPTION: LOCAL				
MAPPED	16.	CA1PL90.TEST.LISTING		ENDEVOR.PLL.REMOTE		
		DESCRIPTION: SHIP LISTING MEMBER				

8.4.1 Content

The Destination Detail report prints detail information for each destination in a package data set.

8.4.1.1 Selection Statements

See 8.3, “Specifying Shipment Reports” on page 8-4 for more information.

8.4.1.2 Sort Sequence

Destination ID

8.4.1.3 Page Break

By destination

8.4.1.4 Total

None

8.4.2 Field Descriptions

The table below describes the fields that appear on CONRPT73.

Report Field	Description
Destination	The destination name.
Remote Node-Name	Name of the remote node.
Transmission Method	Identifies the transmission utility for this destination.
Description	The package description.
Ship Complementary Datasets	Indicates whether complementary data sets are shipped.
Staging Information	<p>Dataset Prefix — The prefix for the staging data sets that Endeavor builds in the first step of the ship utility, for the host and remote site.</p> <p>Disposition — Indicates whether Endeavor deletes or keeps the staging data sets after they have been processed, in the host and remote site.</p> <p>Unit — The unit designation to be used when allocating staging data sets, for the host and remote site.</p>
Volume Serial	The volume serial used when allocating staging data sets.
Created	Date that the destination record was created.
Updated	Date that the destination record was updated.
Remote Job Statement Information	Identifies accounting and class information for package processing on the remote site.
Mapping Rule	Indicates whether a host data set name or prefix is mapped to a remote data set name or prefix, or whether host data sets are excluded from transmission to the remote node.
Host Dataset Name Maps To ->	Host data set name or mask for the rule used to map host data sets to remote data sets.
Remote Dataset Name	Remote data set name or mask for the rule used to map the data sets.

8.5 CONRPT74: Package Shipment Report by Package ID

(C) 1987,2002 Computer Associates International				Endevor				mm/dd/yy 17:37:41 PAGE 121 RELEASE X.XX SERIAL XXXXXX			
CONRPT74: PACKAGE SHIPMENT REPORT BY PACKAGE ID											
				SHIPMENT		HOST		STATUS -----		REMOTE	
				DATE TIME		STAGE XMIT		RECV MOVE		REMOTE JOB NAME	
				-----		-----		-----		-----	
PACKAGE	TYPE	COMPLEMENT	DESTINATION	DATE	TIME	STAGE	XMIT	RECV	MOVE	JOB	NAME
CA1KH95942794	PKG	YES	KHILLBD	05OCT97	14:36	RC=16					
CA1KH95942794	PKG	YES	KHILLBD	06OCT97	09:59	RC=16					
CA1KH95942794	PKG	YES	KHILLBD	06OCT97	10:02	RC=00				CA1KH95B	
CA1KH95942794	PKG	YES	KHILLBD	06OCT97	10:06	RC=00				CA1KH95B	
CA1KH95942794	PKG	YES	KHILLBD	06OCT97	10:33	RC=00				CA1KH95B	
CA1KH95942794	PKG	YES	KHILLBD	06OCT97	14:45	RC=00				CA1KH95B	
CA1KH95942794	PKG	YES	KHILLBD	06OCT97	15:04	RC=00	ABEND			CA1KH95B	
CMCPKG0609A	PKG	YES	MELOCL1	16DEC98	22:27	RC=12				DA1MD10E	
COKE	PKG	YES	CLASS	09DEC99	14:43	RC=00				CA1PL90A	
CV9302 R72 TEST	PKG	NO	DESTLOC	30JUN97	16:35	RC=12				DA1CA65J	
C9041110	PKG	NO	DESTLOC	30JUN97	10:39	RC=12	EXEC'D			DA1CA65G	
C9041110	PKG	NO	DESTLOC	30JUN97	15:09	RC=12	EXEC'D			DA1CA65H	
C9041110	PKG	NO	DESTLOC	30JUN97	16:35	RC=12				DA1CA65J	
C9420110	PKG	NO	DESTLOC	30JUN97	15:22	RC=16					
C9420110	PKG	NO	DESTLOC	01JUL97	16:32	RC=16					
C9420110	PKG	NO	DESTLOC	01JUL97	16:42	RC=16	EXEC'D				
C9420110	PKG	NO	DESTLOC	01JUL97	16:51	RC=16					
C9420140	PKG	NO	DESTLOC	29JUN97	17:25	RC=16	EXEC'D				
C9427650PKG1	PKG	YES	MELOCL1	24FEB01	16:15	RC=16	EXEC'D				
C9427650PKG1	PKG	YES	MELOCL1	24FEB01	16:18	RC=16	EXEC'D				
C9427650PKG1	PKG	YES	MELOCL1	24FEB01	16:25	RC=00	EXEC'D			DA1MD10E	
C9427650PKG1	PKG	YES	MELOCL1	24FEB01	16:30	RC=00	EXEC'D			DA1MD10E	
C9427650PKG2	PKG	YES	MELOCL1	24FEB01	16:10	RC=00	EXEC'D			DA1MD10E	
DAVID	PKG	NO	KATIE	07MAY98	14:09	RC=00	EXEC'D			CA1KR42	
DDD589	PKG	YES	CLASS	20OCT99	09:05	RC=12				CA1PL90A	
DDD589	PKG	YES	CLASS	20OCT99	09:17	RC=12	EXEC'D			CA1PL90A	
DDD589	PKG	YES	CLASS	20OCT99	09:30	RC=16	EXEC'D				
DDD589	PKG	YES	CLASS	20OCT99	11:20	RC=12	EXEC'D			CA1PL90A	
DDD589	PKG	YES	CLASS	21OCT99	11:37	RC=12				CA1PL90A	
DDD589	PKG	NO	KATIE	06MAY98	17:00	RC=00	EXEC'D			CA1KR42	
DMX734	PKG	NO	KTRDEL	03DEC98	12:55	RC=00	EXEC'D			CA1KR42R	
DMX734	PKG	NO	KTRDEL	03DEC98	12:58	RC=00	EXEC'D		EXEC'D	CA1KR42R	
DOCUMENTATION	PKG	NO	PLTEST	04JAN98	16:40	RC=16	ABEND				
EDSTIM	PKG	NO	BONNIE	22JUN98	10:22	RC=12	EXEC'D			CA1KR42X	
EDSTIM	PKG	NO	BRBLOCA	22JUN98	10:22	RC=12	EXEC'D			CA1BB39J	
EDSTIM	PKG	NO	BRBLOCB	22JUN98	10:22	RC=12	EXEC'D			CA1BB39K	
EDSTIM	PKG	NO	BRBLOC1	22JUN98	10:22	RC=12	EXEC'D			CA1BB39A	
EDSTIM	PKG	NO	BRBLOC2	22JUN98	10:22	RC=12	EXEC'D			CA1BB39B	

8.5.1 Content

The Package Shipment Report by Package ID prints detail information about shipped packages.

8.5.1.1 Selection Statements

See 8.3, “Specifying Shipment Reports” on page 8-4 for more information.

8.5.1.2 Sort Sequence

1. Package ID
2. Destination ID
3. Shipment date and time

8.5.1.3 Page Break

By package ID

8.5.1.4 Total

None

8.5.2 Field Descriptions

The table below describes the fields that appear on CONRPT74.

Report Field	Description
Package	The name of the package shipped.
Type	Indicates the type of package, valid entries are: <ul style="list-style-type: none">■ PKG — Package■ BKO — Backout
Complement	Indicates whether complementary files were shipped.
Destination	The destination ID of the package.
Shipment Date	Date of package shipment.
Shipment Time	Time of package shipment.
Host Stage	A return code that refers to the status of the host stage. Possible values are: <ul style="list-style-type: none">■ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>.■ U=### — Where ### denotes a user abend code in standard IBM format.■ S/### — Where ### denotes a system abend in standard IBM format.■ EX=## — Where ## denotes a package return code. When this category of return code appears, the normal return code entry is 12.■ EXEC'D — A generic EXECUTED, where no return code is available.■ ABEND — A generic ABEND, where no abend code is available.

Report Field	Description
Host XMIT	<p>A return code that refers to the status of the package transmission. Possible values include:</p> <ul style="list-style-type: none"> ■ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>. ■ U=### — Where ### denotes a user abend code in standard IBM format. ■ S/### — Where ### denotes a system abend in standard IBM format. ■ EXEC'D — A generic EXECUTED, where no return code is available. ■ ABEND — A generic ABEND, where no abend code is available
Remote Rec	<p>A return code that refers to the package reception. No return code is presently available for this entry.</p>
Remote Move	<p>A return code that refers to the status of the remote move. Possible values include:</p> <ul style="list-style-type: none"> ■ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>. ■ U=### — Where ### denotes a user abend code in standard IBM format. ■ S/### — Where ### denotes a system abend in standard IBM format. ■ EXEC'D — A generic EXECUTED, where no return code is available. ■ ABEND — A generic ABEND, where no abend code is available.
Remote Job Name	<p>Job name of the remote copy/delete job stream.</p>

8.6 CONRPT75: Package Shipment Report by Destination

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 17:37:42 PAGE 151 RELEASE X.XX SERIAL XXXXXX				
CONRPT75: PACKAGE SHIPMENT REPORT BY DESTINATION										
				SHIPMENT		HOST		STATUS		
DESTINATION	PACKAGE	TYPE	COMPLEMENT	DATE	TIME	STAGE	XMIT	REMOTE RECV	REMOTE MOVE	REMOTE JOB NAME
LBSFTP	LBS960420B	PKG	NO	20APR99	13:53	RC=12				CA1LS87
LBSFTP	LBS960420B	PKG	NO	20APR99	14:53	RC=00				CA1LS87
LBSFTP	MGM PKG 7	PKG	NO	20APR99	11:34	RC=00				CA1LS87
LCL02	LBS0810B	PKG	NO	12OCT95	11:38	RC=00	EXEC'D		EXEC'D	CA1LS87L
LCL02	LBS0816B	PKG	NO	12OCT95	11:43	RC=00	EXEC'D		EXEC'D	CA1LS87L
LOBDT1	LOPACK11	PKG	NO	08DEC99	07:42	RC=16				
LOBDT1	LOPACK11	PKG	NO	08DEC99	07:44	RC=00				JOBNAME
LOBDT2	LOPACK11	PKG	NO	08DEC99	07:31	RC=16				
LOBDT2	LOPACK11	PKG	NO	08DEC99	07:37	RC=00				JOBNAME
LOCAL	LBS960104A	PKG	NO	19APR99	15:08	RC=00	EXEC'D		EXEC'D	CA1EC13A
LOCAL	MC101	PKG	NO	09JUN01	13:57	RC=16				
LOCALBS	LBS960104A	PKG	NO	18MAR99	13:14	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	PKG	NO	18MAR99	13:19	RC=00	EXEC'D		EXEC'D	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	18MAR99	13:33	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	PKG	NO	18MAR99	13:36	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	PKG	NO	18MAR99	14:04	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	PKG	NO	21MAR99	10:06	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	PKG	NO	22MAR99	15:52	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	BKO	NO	22MAR99	16:21	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	PKG	NO	22MAR99	16:30	RC=00	EXEC'D		ABEND	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	24MAR99	09:27	RC=00	EXEC'D		ABEND	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	24MAR99	09:30	RC=00	EXEC'D		EXEC'D	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	25MAR99	09:10	RC=16	EXEC'D			
LOCALBS	LBS960104A	PKG	NO	25MAR99	09:13	RC=00	EXEC'D		ABEND	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	29MAR99	10:44	RC=16	EXEC'D			
LOCALBS	LBS960104A	PKG	NO	15APR99	11:12	RC=00	EXEC'D		ABEND	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	15APR99	11:59	RC=00	EXEC'D		EXEC'D	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	19APR99	15:00	RC=00	EXEC'D		EXEC'D	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	20APR99	12:30	RC=00	EXEC'D		EXEC'D	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	20APR99	12:39	RC=00	EXEC'D		RC=00	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	09MAY99	10:30	RC=00	EXEC'D			CA1LS87A
LOCALBS	LBS960104A	PKG	NO	12MAY99	11:22	RC=00	EXEC'D		RC=00	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	26MAY99	10:49	RC=08	EXEC'D		RC=00	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	01JUN99	11:09	RC=00	EXEC'D		RC=00	CA1LS87A
LOCALBS	LBS960104A	BKO	NO	19JUL99	13:41	RC=00	EXEC'D		RC=12	CA1LS87A
LOCALBS	LBS960104A	PKG	NO	19APR99	15:08	RC=00	EXEC'D		EXEC'D	CA1LS87A
LOCALBS	LBS960328A	PKG	NO	28MAR99	11:55	RC=00	EXEC'D		EXEC'D	CA1LS87A

8.6.1 Content

The Package Shipment Report by Destination prints information about shipped packages by destination.

8.6.1.1 Selection Statements

See 8.3, "Specifying Shipment Reports" on page 8-4 for more information.

8.6.1.2 Sort Sequence

1. Destination ID
2. Package ID
3. Shipment date and time

8.6.1.3 Page Break

By destination ID

8.6.1.4 Total

None

8.6.2 Field Descriptions

The table below describes the fields that appear on CONRPT75.

Report Field	Description
Destination	The destination ID of the package.
Package	The name of the package shipped.
Type	Indicates the type of package, valid entries are: <ul style="list-style-type: none">■ PKG — Package■ BKO — Backout
Complement	Indicates whether complementary files were shipped.
Shipment Date	Date of package shipment.
Shipment Time	Time of package shipment.
Host Stage	A return code that refers to the status of the host stage. Possible values include: <ul style="list-style-type: none">■ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>.■ U=### — Where ### denotes a user abend code in standard IBM format.■ S/### — Where ### denotes a system abend in standard IBM format.■ EX=## — Where ## denotes a package return code. When this category of return code appears, the normal return code entry is 12.■ EXEC'D — A generic EXECUTED, where no return code is available.■ ABEND — A generic ABEND, where no abend code is available.

Report Field	Description
Host XMIT	<p>A return code that refers to the status of the package transmission. Possible values include:</p> <ul style="list-style-type: none">▪ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>.▪ U=### — Where ### denotes a user abend code in standard IBM format.▪ S/### — Where ### denotes a system abend in standard IBM format.▪ EXEC'D — A generic EXECUTED, where no return code is available.▪ ABEND — A generic ABEND, where no abend code is available.
Remote RECV	<p>A return code that refers to the package reception. No return code is presently available for this entry.</p>
Remote Move	<p>A return code that refers to the status of the remote move. Possible values include:</p> <ul style="list-style-type: none">▪ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>.▪ U=### — Where ### denotes a user abend code in standard IBM format.▪ S/### — Where ### denotes a system abend in standard IBM format.▪ EXEC'D — A generic EXECUTED, where no return code is available.▪ ABEND — A generic ABEND, where no abend code is available.
Remote Job Name	<p>Job name of the remote copy/delete job stream.</p>

8.7 CONRPT76: Package Shipment Report by Shipments

(C) 1987,2002 Computer Associates International				Endevor		mm/dd/yy 17:37:43 PAGE 184 RELEASE X.XX SERIAL XXXXXX				
CONRPT76: PACKAGE SHIPMENT REPORT BY SHIPMENTS										
						----- STATUS -----				
SHIPMENT		PACKAGE	TYPE	COMPLEMENT	DESTINATION	HOST		REMOTE		REMOTE JOB NAME
DATE	TIME					STAGE	XMIT	RCV	MOVE	

06JUN99	17:16	LBS960104A	PKG	NO	S02XCOM	RC=00	EXEC'D			CA1LS87A
16JUN99	17:16	LBS960104A	PKG	NO	S02XCOM	RC=00	EXEC'D			CA1LS87A
16JUN99	17:43	LBS960104A	PKG	NO	S02XCOM	RC=00	EXEC'D			CA1LS87A
16JUN99	18:09	LBS960104A	PKG	NO	S08XCOM	RC=00	EXEC'D			CA1LS87A
16JUN99	18:13	LBS960104A	PKG	NO	S08XCOM	RC=00	EXEC'D			CA1LS87A
16JUN99	17:29	LBS960104A	PKG	NO	S28XCOM	RC=00	EXEC'D			CA1LS87A
16JUN99	17:41	LBS960104A	PKG	NO	S28XCOM	RC=00	EXEC'D			CA1LS87A
30JAN01	16:58	ELM804	PKG	NO	TESTFTP	RC=12				CA1PL90A
15FEB01	08:58	FASTCOPY2	PKG	NO	TESTFTP	RC=00				CA1PL90A
15FEB01	16:04	FASTCOPY2	PKG	NO	TESTFTP	RC=00				CA1PL90A
27JUL97	09:03	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	09:15	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	09:37	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	09:45	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	09:55	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	13:38	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	13:55	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	14:01	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
27JUL97	14:12	PKG SIMP 005A	PKG	NO	XCOM28	RC=00	RC=00			DA1ME10X
23FEB98	15:52	LBS0223A	PKG	NO	XCOM02	RC=00	EXEC'D			DA1ME102
17JAN01	14:12	LBS961213A	PKG	NO	XCOM28L	RC=16				
17JAN01	14:23	LBS960104B	PKG	NO	XCOM28L	RC=16				

8.7.1 Content

The Package Shipment Report by Shipments prints information about shipped packages by the date of shipment.

8.7.1.1 Selection Statements

See 8.3, “Specifying Shipment Reports” on page 8-4 for more information.

8.7.1.2 Sort Sequence

1. Shipment date and time
2. Package ID
3. Destination ID

8.7.1.3 Page Break

By date and time

8.7.1.4 Total

None

8.7.2 Field Descriptions

The table below describes the fields that appear on CONRPT76.

Report Field	Description
Shipment Date	Date of package shipment.
Shipment Time	Time of package shipment.
Package	The name of the package shipped.
Type	Indicates the type of package, valid entries are: <ul style="list-style-type: none">■ PKG — Package■ BKO — Backout
Complement	Indicates whether complementary files were shipped.
Destination	The destination ID of the package.
Host Stage	A return code that refers to the status of the host stage. Possible values include: <ul style="list-style-type: none">■ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>.■ U=### — Where ### denotes a user abend code in standard IBM format.■ S/### — Where ### denotes a system abend in standard IBM format.■ EX=## — Where ## denotes a package return code. When this category of return code appears, the normal return code entry is 12.■ EXEC'D — A generic EXECUTED, where no return code is available.■ ABEND — A generic ABEND, where no abend code is available.
Host XMIT	A return code that refers to the status of the package transmission. Possible values include: <ul style="list-style-type: none">■ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>.■ U=### — Where ### denotes a user abend code in standard IBM format.■ S/### — Where ### denotes a system abend in standard IBM format.■ EXEC'D — A generic EXECUTED, where no return code is available.■ ABEND — A generic ABEND, where no abend code is available.
Remote Rec	A return code that refers to the package reception. No return code is presently available for this entry.

Report Field	Description
Remote Move	<p>A return code that refers to the status of the remote move. Possible values include:</p> <ul style="list-style-type: none">▪ RC=## — Where ## denotes a return code. Code definitions can be found in the <i>Error Codes and Messages Guide</i>.▪ U=### — Where ### denotes a user abend code in standard IBM format.▪ S/### — Where ### denotes a system abend in standard IBM format.▪ EXEC'D — A generic EXECUTED, where no return code is available.▪ ABEND — A generic ABEND, where no abend code is available.
Remote Job Name	Job name of the remote copy/delete job stream.

Chapter 9. Archived Package Reports

9.1 Overview

The Archived Package reports, listed below, are described in detail in this chapter:

- Data Extraction Facility
- Specifying Archived Package Reports
- CONRPT56: Archived Package Summary Report
- CONRPT57: Archived Package Approver Report
- CONRPT58: Archived Package Detail Report

Archived Package reports allow you to review archived package processing activity in summary, by approver/group, and detail formats.

9.2 Data Extraction Facility

Endevor allows you to extract data from an archived package library without producing package reports. You must submit an EXTRACT request (defined in the following sections), and the data to be extracted must be written to a data set identified in an EXTRACT DD statement. This data set must have a LRECL of at least 1200 and a RECFM of VB. A record layout is provided for the data in this file; the layout is in the form of an assembler macro. This macro has a member name of **C1BRXPAK** in the *iprfx.igual.SOURCE* library.

The data in this extract file is available to you to create custom reports. To extract data only, do not submit a REPORT request. When you request EXTRACT, Endevor does not print an extract summary report.

Note: When executing an Archived Package Report, you must include the `//ARCINPT DD` statement in the report JCL.

9.3 Specifying Archived Package Reports

The syntax for specifying Archived Package Library reports is as follows:

EXTRACT *extract-numbers*.
REPORT *report-numbers*.
PACkage *package-name*.
APProver *approver-id*. **1**
GRoup *approval-group-id*. **1**
STATus *status-indicator*.
WINdow after ... *date* ... BEFORE ... *date*
CREated after ... *date* ... BEFORE ... *date*
EXEcuted after ... *date* ... BEFORE ... *date*
CASt after ... *date* ... BEFORE ... *date*

1 — For CONRPT57 only.

9.3.1 Description of Syntax Options

All statements are optional, and default to ALL.

EXTRACT *extract-numbers* .

If you want to extract report data but not generate any reports, include an EXTRACT statement and omit the REPORT statement from the specification. Acceptable extract numbers for the extract statement are 56, 57, 58. The record layout of the extract file is defined by an assembler macro, which is the member **C1BRXPAK** in the *iprfx.igual*.SOURCE library.

REPORT *report-numbers*.

Acceptable report numbers for the REPORT statement are 56, 57, 58.

PACkage *package-name*.

You may specify one package name and it can be masked.

APProver *approver-id*. **1**

You may specify one approver ID or mask.

GRoup *approval-group-id*. **1**

You may specify one approval group ID or mask.

STATus *status-indicator*.

You may specify one or more of the following status indicators:

- **AB**orted
- **APPROVED**
- **BACKEDOUT**
- **CO**mmitted
- **DE**nied
- **EXECUTED**
- **IN-APPROVAL**
- **IN-EDIT**

WINDOW after ... date ... BEFORE ... date ... ;

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

CREATED after ... date ... BEFORE ... date ... ;

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

EXECUTED after ... date ... BEFORE ... date ... ;

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

CAST after ... date ... BEFORE ... date ... ;

You may specify dates to limit selection criteria. Dates may be in either mm/dd/yy or ddmmyy format.

1 — For CONRPT57 only.

9.3.2 Selection Dates and the Status Statement

Only certain selection dates apply to each package status. The following table lists these correspondences.

If Status Is	Then These Selection Dates May Apply
Aborted	CREATED; WINDOW; CAST; EXECUTED; BACKED OUT
Approved	CREATED; WINDOW; BACKED OUT
Committed	CREATED; WINDOW; CAST; EXECUTED; BACKED OUT
Denied	CREATED; WINDOW; CAST
Executed	CREATED; WINDOW; CAST; EXECUTED; BACKED OUT
In-approval	CREATED; WINDOW; CAST
In-edit	CREATED

9.4 CONRPT56: Archived Package Summary Report

(C) 2002 Computer Associates International, Inc					Endevor			mm/dd/yy 08:55:42		PAGE 3			
CONRPT56: ARCHIVE PACKAGE SUMMARY					FROM JOLEAN.ARCHIVE.PKGARCH								
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE	TIME	WINDOW_END DATE	TIME
JDOMOVPKG	EXECUTED	ST		16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02	00:00	31DEC79	00:00

9.4.1 Archived Package Summary Report Content

The Archived Package Summary report provides a one line summary of all packages defined within the inventory area(s) specified in the input parameters.

9.4.1.1 Selection Statements

See 9.3, “Specifying Archived Package Reports” on page 9-4 for more information.

9.4.1.2 Sort Sequence

Package name

9.4.1.3 Page Break

None

9.4.1.4 Total

None

9.4.2 Field Descriptions

The table below describes the fields that appear on CONRPT56.

Report Field	Description
Package name	Name of the package as defined during package processing.
Status	Package Status. Status can be one of the following: <ul style="list-style-type: none">■ COMMITTED — The package is committed.■ EXECUTED — The package executed successfully.
Type	Package type, values are: <ul style="list-style-type: none">■ ST — Standard.■ EM — Emergency. The quorum size (minimum number of approvers required in order for the package to be executed) also appears in this field.

Report Field	Description
Backout	This field should be blank.
Last Updated	Date of last package update (<i>ddmmmyy</i>).
Update User ID	ID of user responsible for last package update.
Cast Date	Date when package was cast (<i>ddmmmyy</i>).
Cast User	ID of user who cast the package.
App/Den Date	Date when package was approved (APP) or denied (DEN).
Execute Date	Date when the package was executed.
Window_Start Date Time	Earliest date and time at which the package may be executed.
Window_End Date Time	Latest date and time at which the package may be executed.

9.5 CONRPT57: Archived Package Approver Report

(C) 2002 Computer Associates International, Inc				Endevor				mm/dd/yy 08:58:43				PAGE 3	
								RELEASE x.x				SERIAL XXXXX	
CONRPT57: ARCHIVE PACKAGE APPROVER REPORT												FROM JOLEAN.ARCHIVE.PKGARCH	
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE	WINDOW_END DATE	TIME	
JDOMOVPKG	EXECUTED	ST		16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02 00:00	31DEC79 00:00		

A P P R O V E R S E C T I O N													

GROUP NAME	QUORUM	STATUS	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION	APPROVER	REQ'D
JOGROUP1	00001	APPROV	JOLEAN	REQ	APPROV								

9.5.1 Archived Package Approver Report Content

The Archived Package Approver report prints information about the approval status for each package within a specific archive file. There are two entries for each package:

- Summary information for the package
- Approver information for the package

9.5.1.1 Selection Statements

See 9.3, “Specifying Archived Package Reports” on page 9-4 for more information.

9.5.1.2 Sort Sequence

Package name

9.5.1.3 Page Break

At package

9.5.1.4 Total

None

9.5.2 Field Descriptions

The table below describes the fields that appear on CONRPT57.

Report Field	Description
Package name	Name of the package as defined during package processing.

Report Field	Description
Status	Status of the package. Status can be one of the following: approvers. <ul style="list-style-type: none"> ▪ COMMITTED — The package is committed. ▪ EXECUTED — The package executed successfully.
Type	Package type, values are: <ul style="list-style-type: none"> ▪ ST — Standard ▪ EM — Emergency
Backout	This field is blank.
Last Updated	Date of last package update (<i>ddmmmyy</i>).
Update User ID	ID of user responsible for last package update.
Cast Date	Date when package was cast (<i>ddmmmyy</i>).
Cast User	ID of user who cast the package.
App/Den Date	Date when package was approved (APP) or denied (DEN).
Execute Date	Date when the package was executed.
Window_Start Date Time	Earliest date and time at which the package may be executed.
Window_End Date Time	Latest date and time at which the package may be executed.

Approver Section	Description
Group Name	Name of the group.
Quorum	Number of approvals required to approve this package.
Status	Current status of the approver group. Status can be: <ul style="list-style-type: none"> ▪ APPROVED — The package is approved by all approvers.
Approver/Req'd/Action	These three related fields occur four times in the approver section of this report. The APPROVER field contains the ID of one of the package approvers. The value REQ in the REQ'D field indicates that the approver is required to sign off on the package. The action taken by that approver appears in the ACTION field next to the approver's ID.

9.6 CONRPT58: Archived Package Detail Report

(C) 2002 Computer Associates International, Inc				Endevor				mm/dd/yy 09:00:22				PAGE 3	
								RELEASE x.x				SERIAL XXXXXX	
CONRPT58: ARCHIVE PACKAGE DETAIL REPORT				FROM JOLEAN.ARCHIVE.PKGARCH									
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE	TIME	WINDOW_END DATE	TIME
JDOMOVPKG	EXECUTED	ST		16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02	00:00	31DEC79	00:00
CA-7 SCHEDULED JOB:								DEPENDENT JOB:					

USER NOTES SECTION													

THERE ARE NO USER NOTES ASSOCIATED WITH THE PACKAGE													

9.6.1 Archived Package Detail Report Content

The Archived Package Detail report prints detail information for each package within a specific archive file. There are six entries for each package:

- Summary information
- User Notes section
- Approver section
- SCL section
- Action summary
- Cast section

9.6.1.1 Selection Statements

See 9.3, “Specifying Archived Package Reports” on page 9-4 for more information.

9.6.1.2 Sort Sequence

Package name

9.6.1.3 Page Break

By section for each package

9.6.1.4 Total

None

9.6.2 Field Descriptions

The table below describes the summary information that appears on CONRPT58.

Report Field	Description
Package name	Name of the package.
Status	Current status of the package. Status can be one of the following: <ul style="list-style-type: none"> ▪ COMMITTED — The package is committed. ▪ EXECUTED — The package executed successfully.
Type	Package type, values are: <ul style="list-style-type: none"> ▪ ST — Standard ▪ EM — Emergency
Backout	This field is blank.
Last Updated	Date of last package update (<i>ddmmmyy</i>).
Update User ID	ID of user responsible for last package update.
Cast Date	Date when package was cast (<i>ddmmmyy</i>).
Cast User	ID of user who cast the package.
App/Den Date	Date when package was approved (APP) or denied (DEN).
Execute Date	Date when the package was executed.
Window_Start Date Time	Earliest date and time at which the package may be executed.
Window_End Date Time	Latest date and time at which the package may be executed.

9.6.3 User Notes Section of CONRPT58

(C) 2002 Computer Associates International, Inc					Endevor			mm/dd/yy 09:00:22			PAGE 3	
								RELEASE x.x			SERIAL XXXXXX	
CONRPT58: ARCHIVE PACKAGE DETAIL REPORT					FROM JOLEAN.ARCHIVE.PKGARCH							
PACKAGE NAME	STATUS	TYPE BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE TIME	WINDOW_END DATE TIME		
JDOMOVPKG	EXECUTED	ST	16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02 00:00	31DEC79 00:00		
CA-7 SCHEDULED JOB:		DEPENDENT JOB:										

USER NOTES SECTION												

THERE ARE NO USER NOTES ASSOCIATED WITH THE PACKAGE												

9.6.3.1 User Notes Section Content

The User Notes section displays text that is associated with a package. You can enter notes on any of the following panels: Create/Modify Package, Cast Package, Review Package, Approve Package, or Deny Package.

There is one report line for each user-provided note line. If the package does not contain any remark text, the following message is printed:

THERE ARE NO USER NOTES ASSOCIATED WITH THE PACKAGE

9.6.4 Approver Section of CONRPT58

(C) 2002 Computer Associates International, Inc						Endevor		mm/dd/yy 09:00:22				PAGE 4		
						CONRPT58: ARCHIVE PACKAGE DETAIL REPORT		RELEASE x.x				SERIAL XXXXXX		
						FROM JOLEAN.ARCHIVE.PKGARCH								
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW START DATE	WINDOW START TIME	WINDOW END DATE	WINDOW END TIME	
JDOMOVPKG	EXECUTED	ST		16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02	00:00	31DEC79	00:00	
CA-7 SCHEDULED JOB:				DEPENDENT JOB:										

A P P R O V E R S E C T I O N														

GROUP NAME	QUORUM	STATUS	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION	APPROVER	REQ'D	ACTION
JOGROUP1	00001	APPROV	JOLEAN	REQ	APPROV									

9.6.4.1 Approver Section Content

The Approver section of CONRPT58 provides information on the approver group that is associated with a package. The fields that appear on the Approver section are described below.

Report Field	Description
Group Name	Name of the group.
Quorum	Number of approvals required to approve this package.
Status	Current status of the approver group. Status can be: <ul style="list-style-type: none"> ■ APPROVED — The package is approved by all approvers.
Approver/Req'd/Action	These three related fields occur four times in the approver section of this report. The APPROVER field contains the ID of one of the package approvers. The value req in the REQ'D field indicates that the approver is required to sign off on the package. The action taken by that approver appears in the ACTION field next to the approver's ID.

9.6.5 SCL Section of CONRPT58

(C) 2002 Computer Associates International, Inc				Endevor				mm/dd/yy 09:00:22				PAGE 5
								RELEASE x.x				SERIAL XXXXXX
CONRPT58: ARCHIVE PACKAGE DETAIL REPORT FROM JOLEAN.ARCHIVE.PKGARCH												
PACKAGE NAME	STATUS	TYPE BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW START DATE TIME	WINDOW END DATE TIME		
JDOMOVPKG	EXECUTED	ST	16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02 00:00	31DEC79 00:00		
		CA-7 SCHEDULED JOB:		DEPENDENT JOB:								

S C L S E C T I O N												

1 MOVE ELEMENT 'UTESTEIX'												
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'												
TYPE 'ASMMAC' STAGE 1												
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"												
.												
2 MOVE ELEMENT 'OL.NIC03'												
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'												
TYPE 'JDOHFS' STAGE 1												
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"												
.												
3 MOVE ELEMENT 'JBEAN1010'												
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'												
TYPE 'JDOHFS' STAGE 1												
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"												
.												
4 MOVE ELEMENT 'JBEAN1020'												
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'												
TYPE 'JDOHFS' STAGE 1												
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"												

(C) 2002 Computer Associates International, Inc				Endevor				mm/dd/yy 09:00:22				PAGE 7
								RELEASE x.x				SERIAL XXXXXX
CONRPT58: ARCHIVE PACKAGE DETAIL REPORT FROM JOLEAN.ARCHIVE.PKGARCH												
PACKAGE NAME	STATUS	TYPE BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW START DATE TIME	WINDOW END DATE TIME		
JDOMOVPKG	EXECUTED	ST	16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02 00:00	31DEC79 00:00		
		CA-7 SCHEDULED JOB:		DEPENDENT JOB:								

C A S T S E C T I O N												

9.6 CONRPT58: Archived Package Detail Report

1 (C) 2002 Computer Associates International, Inc.		17SEP02 08:54:12	PAGE 1
E N D E V O R P A C K A G E C A S T R E P O R T		RELEASE x.x	SERIAL XXXXX
S C L S T A T E M E N T S Y N T A X P A R S E			
08:54:12 C1Y0015I STARTING PARSE OF REQUEST CARDS			
STATEMENT #1			
MOVE ELEMENT 'UTESTEIX'			
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'			
TYPE 'ASMMAC' STAGE 1			
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"			
.			
STATEMENT #2			
MOVE ELEMENT 'OL.NIC03'			
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'			
TYPE 'JDOHFS' STAGE 1			
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"			
.			
STATEMENT #3			
MOVE ELEMENT 'JBEAN1010'			
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'			
TYPE 'JDOHFS' STAGE 1			
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"			
.			
STATEMENT #4			
MOVE ELEMENT 'JBEAN1020'			
FROM ENVIRONMENT 'SMPLTEST' SYSTEM 'ADMIN' SUBSYSTEM 'PROCESS'			
TYPE 'JDOHFS' STAGE 1			
OPTIONS CCID 'REL4.0' COMMENTS "TEST MOVE THRU PACKAGE"			
.			
STATEMENT #5			
EOF STATEMENT GENERATED			
08:54:12 C1Y0016I REQUEST CARDS SUCCESSFULLY PARSED			
08:54:12 PKMR400I BEGINNING ACTION VALIDATION AND SEARCH FOR APPLICABLE APPROVER GROUPS			
08:54:13 PKMR401I ACTION VALIDATION COMPLETED WITHOUT ERRORS			
08:54:13 PKMR402I 1 APPROVER GROUP(S) FOUND APPLICABLE FOR PACKAGE			
08:54:13 C1G0000I ELEMENT UTESTEIX			

9.6.5.1 SCL Section Content

The SCL section of this report lists the package SCL statements, as coded by the user.

9.6.6 Action Summary of CONRPT58

(C) 2002 Computer Associates International, Inc						Endevor		mm/dd/yy 09:00:22			PAGE 6		
								RELEASE x.x			SERIAL XXXXXX		
CONRPT58: ARCHIVE PACKAGE DETAIL REPORT						FROM JOLEAN.ARCHIVE.PKGARCH							
PACKAGE NAME	STATUS	TYPE	BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE TIME	WINDOW_END DATE TIME		
JDOMOVPKG	EXECUTED	ST		16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02 00:00	31DEC79 00:00		
CA-7 SCHEDULED JOB:			DEPENDENT JOB:										
----- A C T I O N S U M M A R Y -----													

1 MOVE	SMPLTEST	ADMIN	PROCESS	UTESTEIX	ASMMAC	01.00	SMPLTESTST1	ENDEVOR RC = 0004					
	SMPLTEST	ADMIN	PROCESS	UTESTEIX	ASMMAC		SMPLTESTST2	PROCESSOR RC =					
	CCID: REL4.0			COMMENT: TEST MOVE THRU PACKAGE									
2 MOVE	SMPLTEST	ADMIN	PROCESS	OL.NIC03	JDOHFS	01.00	SMPLTESTST1	ENDEVOR RC = 0004					
	SMPLTEST	ADMIN	PROCESS	OL.NIC03	JDOHFS		SMPLTESTST2	PROCESSOR RC =					
	CCID: REL4.0			COMMENT: TEST MOVE THRU PACKAGE									
3 MOVE	SMPLTEST	ADMIN	PROCESS	{JBEAN...}	JDOHFS	01.00	SMPLTESTST1	ENDEVOR RC = 0004					
	SMPLTEST	ADMIN	PROCESS	{JBEAN...}	JDOHFS		SMPLTESTST2	PROCESSOR RC =					
	CCID: REL4.0			COMMENT: TEST MOVE THRU PACKAGE									
4 MOVE	SMPLTEST	ADMIN	PROCESS	{JBEAN...}	JDOHFS	01.00	SMPLTESTST1	ENDEVOR RC = 0004					
	SMPLTEST	ADMIN	PROCESS	{JBEAN...}	JDOHFS		SMPLTESTST2	PROCESSOR RC =					
	CCID: REL4.0			COMMENT: TEST MOVE THRU PACKAGE									

9.6.6.1 Action Summary Content

The Action Summary section of this report contains source and target information for all actions in the package. The source statements contain the number of the action, the name of the action, and information about the action, including CCID and comments. Target statements are optional and contain action information only.

There are two basic formats for the action information:

- External data set format: This includes the external data set name and, in some instances, the data set member return code and/or a comment.
- Endevor format: This includes environment and one or more of the following: system, subsystem, type, element, level, stage, return code, and comment.

9.6.7 Cast Summary of CONRPT58

The cast summary section of this report contains the results of the parse of the CAST statement SCL, and the messages produced by the execution of the CAST statement. The Cast Section contains the original Cast report, so the header information such as date and time, may be different from the date and time for CONRPT58.

9.6 CONRPT58: Archived Package Detail Report

(C) 2002 Computer Associates International, Inc				Endevor			mm/dd/yy 09:00:22			PAGE 8	
							RELEASE x.x			SERIAL XXXXXX	
CONRPT58: ARCHIVE PACKAGE DETAIL REPORT FROM JOLEAN.ARCHIVE.PKGARCH											
PACKAGE NAME	STATUS	TYPE BACKOUT	LAST UPDATED	UPDATE USER ID	CAST DATE	CAST USER	APP/DEN DATE	EXECUTE DATE	WINDOW_START DATE TIME	WINDOW_END DATE TIME	
JDOMOVPKG	EXECUTED	ST	16SEP02	JOLEAN	17SEP02	JOLEAN	17SEP02	17SEP02	30AUG02 00:00	31DEC79 00:00	
CA-7 SCHEDULED JOB:			DEPENDENT JOB:								
----- C A S T S E C T I O N -----											
08:54:13	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 1	TYPE: ASMMAC					
08:54:13	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
08:54:13	C1G0000I	ELEMENT UTESTEIX									
08:54:13	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 2	TYPE: ASMMAC					
08:54:13	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
08:54:13	C1G0000I	ELEMENT OL.NIC03									
08:54:13	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 1	TYPE: JDOHFS					
08:54:13	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
08:54:13	C1G0000I	ELEMENT OL.NIC03									
08:54:13	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 2	TYPE: JDOHFS					
08:54:13	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
08:54:13	C1G0000I	ELEMENT JBEAN1010									
08:54:13	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 1	TYPE: JDOHFS					
1 (C) 2002	Computer Associates	International, Inc.	E N D E V O R P A C K A G E C A S T R E P O R T						17SEP02 08:54:13	PAGE 2	SERIAL XXXXXX
08:54:13	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
08:54:13	C1G0000I	ELEMENT JBEAN010									
08:54:13	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 2	TYPE: JDOHFS					
08:54:13	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
08:54:13	C1G0000I	ELEMENT JBEAN1020									
08:54:13	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 1	TYPE: JDOHFS					
08:54:14	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
08:54:14	C1G0000I	ELEMENT JBEAN1020									
08:54:14	C1G0506I	ENV: SMPLTEST	SYS: ADMIN	SBS: PROCESS	STGID: 2	TYPE: JDOHFS					
08:54:14	C1G0501I	ELEMENT RESERVED FOR PACKAGE JDOMOVPKG									
1 (C) 2002	Computer Associates	International, Inc.	E N D E V O R P A C K A G E C A S T R E P O R T						17SEP02 08:54:14	PAGE 3	SERIAL XXXXXX
08:54:14	PKMR791I	COMPONENT VALIDATION STARTED									
08:54:14	PKMR799I	COMPONENT VALIDATION COMPLETED : HIGHEST RC = 00									
08:54:14	ENMP302I	PACKAGE INSPECT: ELEMENT AND MEMBER VALIDATION STARTED									
08:54:14	ENMP303I	ELEMENT AND MEMBER VALIDATION SUCCESSFULLY COMPLETED									
08:54:14	ENMP305I	PACKAGE INSPECT: ELEMENT MOVE/TRANSFER SYNC CHECK STARTED									
08:54:14	ENMP306I	ELEMENT MOVE/TRANSFER SYNC CHECK SUCCESSFULLY COMPLETED									
08:54:14	ENMP308I	PACKAGE INSPECT: ELEMENT CCID/COMMENTS CHECK STARTED									
08:54:14	ENMP309I	CCID/COMMENTS CHECK SUCCESSFULLY COMPLETED									

Appendix A. Report JCL

A.1 Endeavor Assembler Report JCL

This appendix provides examples of the JCL used to run Endeavor Assembler reports.

The JCL used to run Endeavor assembler reports appears below. The **BC1JRPTS** job is used to produce all the assembler reports. To specify a particular report or set of reports, you must edit the appropriate DD statements in the JCL. Make sure you supply a correct job card and check all DD statements before running the job. Also check the following DD statements, as noted in the JCL itself:

- BSTINP
- BSTPDS
- BSTIPT
- SMFDATA

```

/* ( COPY JOBCARD )
/*-----*
/*  COPYRIGHT (C) COMPUTER ASSOCIATES INTERNATIONAL INC., 1987-1997 *
/*                                           *
/*  NAME: BC1JRPTS                                           *
/*                                           *
/*  FUNCTION: BC1JRPTS IS SAMPLE JCL TO EXECUTE THE ENDEVOR/OS/390 *
/*  ASSEMBLER REPORTING PROGRAM.                               *
/*                                           *
/*  REFER TO THE ENDEVOR/OS/390 REPORTS MANUAL FOR INFORMATION ON THE *
/*  VALID CONTROL STATEMENTS AND OTHER REQUIREMENTS.          *
/*-----*
//C1BR1000 EXEC PGM=C1BR1000,REGION=4096K
//STEPLIB DD DSN=iprfx.igual.CONLIB,DISP=SHR
/*          DD DSN=SYS2.PANVALET.LOAD,DISP=SHR <=PANVALET, IF REQUIRED
//CONLIB DD DSN=iprfx.igual.CONLIB,DISP=SHR
/*-----*
/*
/*  MODIFY THE FOLLOWING DD STATEMENTS, AS REQUIRED:           *
/*  BSTINP - REPORT CONTROL STATEMENTS                        *
/*  BSTPDS - FOOTPRINT REPORT INPUT LIBRARY                   *
/*  BSTIPT - FOOTPRINT REPORT SELECTION CRITERIA.             *
/*  SMFDATA - SMF DATA FOR THE SMF/HISTORICAL REPORTS        *
/*
/*-----*
//BSTRPTS DD SYSOUT=*                                REPORT OUTPUT
//BSTINP DD *                                           SELECTION CRITERIA
REPORT 40.
ENVIRONMENT ENDEVOR.
/*-----*
/*  NOTE: THE BSTPDS DD STATEMENT CANNOT SPECIFY A CONCATENATED DATA *
/*  SET.                                                                *
/*-----*
//BSTPDS DD DSN=iprfx.igual.CONLIB,DISP=SHR            FOOTPRINT DATA SET
//BSTIPT DD *                                           FOOTPRINT CRITERIA

```

```
ANALYZE INCLUDE MEMBERS A* THRU Z*.
//SMFDATA DD DSN=iprfx.igual.SMFDATA,DISP=SHR      SMF DATA SET
//*-----*
//* MISCELLANEOUS WORK FILES                        *
//*-----*
//BSTPCH DD DSN=&&BSTPCH,
//          DISP=(NEW,PASS,DELETE),
//          UNIT=tdisk,
//          SPACE=(CYL,(1,1)),
//          DCB=(RECFM=FB,LRECL=838,BLKSIZE=0)
//*          DCB=(RECFM=FB,LRECL=838,BLKSIZE=8380)
//BSTLST DD SYSOUT=*
//SORTIN  DD UNIT=tdisk,SPACE=(CYL,(1,4))
//SORTOUT DD UNIT=tdisk,SPACE=(CYL,(1,4))
//SORTWK01 DD UNIT=tdisk,SPACE=(CYL,(2,5))
//SORTWK02 DD UNIT=tdisk,SPACE=(CYL,(2,5))
//SORTWK03 DD UNIT=tdisk,SPACE=(CYL,(2,5))
//C1MSG1  DD SYSOUT=*
//SYSOUT  DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//SYSABEND DD SYSOUT=*
```


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